

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Attorney Docket No.
AFFY-041/02USApplication No.
09/724,928Applicants: Stephen P.A. FODOR *et al.*

PAGE 1 of 55

PTO Form 1449

Filing Date: November 28, 2000

Group Art Unit: 1631

**U.S. PATENT DOCUMENTS**

		Document No.	Date	Name	Class	Sub-Class	Filing Date
TKRSI	1.	07/362,901		Fodor et al.			Filed 06/07/1989
	2.	07/435,316		Barrett et al.			Filed 11/13/1989
	3.	07/492,462		Pirrung et al.			Filed 03/07/1990
	4.	07/624,114		Fodor et al.			Filed 12/06/1990
	5.	07/796,243		Winkler et al.			Filed 11/22/1991
	6.	07/874,849		McGall et al.			Filed 04/22/1992
	7.	09/654,948		Pirrung et al.			Filed 09/01/2000
	8.	2002/0155491	10/24/2002	Fodor et al.			
	9.	2002/0155492	10/24/2002	Fodor et al.			
	10.	2002/0155588	10/24/2002	Fodor et al.			
	11.	2002/0192684	12/19/2002	Fodor et al.			
	12.	2003/0003475	01/02/2003	Fodor et al.			
	13.	2003/0017484	01/23/2003	Fodor et al.			
	14.	2003/0104411	06/05/2003	Fodor et al.			
	15.	2003/0119008	06/23/2003	Fodor et al.			
	16.	2003/0119011	06/26/2003	Fodor et al.			
	17.	2003/0235853	12/25/2003	Stryer et al.			
	18.	2004/0029115	02/12/2004	Dower et al.			
	19.	2004/0067521	04/08/2004	Fodor et al.			
	20.	2004/0248147	12/09/2004	Fodor et al.			
	21.	2005/0079529	04/14/2005	Fodor et al.			
	22.	2005/0095652	05/05/2005	Fodor et al.			
	23.	2005/0112676	05/26/2005	Fodor et al.			
	24.	2005/0118706	06/02/2005	Pirrung et al.			
	25.	2005/0148027	07/07/2005	Pirrung et al.			
	26.	2005/0153362	07/14/2005	Pirrung et al.			
	27.	2005/0153363	07/14/2005	Pirrung et al.			
	28.	2005/0158743	07/21/2005	Fodor et al.			
	29.	2005/0164249	07/28/2005	Fodor et al.			
↓	30.	2005/0214828	09/29/2005	Pirrung et al.			

Examiner

/Karlheinz Skowronek/

50996 v1/DC

Date Considered

12/18/2007

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 2 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

U.S. PATENT DOCUMENTS							
Initial		Document No.	Date	Name	Class	Sub-Class	Filing Date
/KRS/	31.	2006/0210452	09/21/2006	Fodor et al.			
	32.	3281860	10/25/1966	Adams et al.			
	33.	3642450	02/15/1972	Eriksson			
	34.	3690836	09/12/1972	Buissiere et al.			
	35.	3825410	07/23/1974	Bagshawe			
	36.	4016855	04/12/1977	Mimata			
	37.	4031197	06/21/1977	Marinkovich			
	38.	4039288	08/02/1977	Moran			
	39.	4046750	09/06/1977	Rembaum			
	40.	4086254	04/25/1978	Wierenga			
	41.	4121222	10/17/1978	Diebold et al.			
	42.	4145406	03/20/1979	Schick et al.			
	43.	4159875	07/03/1979	Hauser			
	44.	4204929	05/27/1980	Bier			
	45.	4225410	09/30/1980	Pace			
	46.	4258001	03/24/1981	Pierce et al.			
	47.	4259223	03/31/1981	Rembaum			
	48.	4263504	04/21/1981	Thomas			
	49.	4267234	05/12/1981	Rembaum			
	50.	4427415	01/24/1984	Cleveland			
	51.	4430299	02/07/1984	Horne			
	52.	4542102	09/17/1985	Dattagupta et al.			
	53.	4562157	12/31/1985	Lowe et al.			
	54.	4563417	01/07/1986	Albarella et al.			
	55.	4591570	05/27/1986	Chang			
	56.	4595562	06/17/1986	Liston et al.			
	57.	4608231	08/26/1986	Witty et al.			
	58.	4675299	06/23/1987	Witty et al.			
	59.	4676951	06/30/1987	Arnes et al.			
↓	60.	4678894	07/07/1987	Shafer			

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 3 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

U.S. PATENT DOCUMENTS							
Initial		Document No.	Date	Name	Class	Sub-Class	Filing Date
/KRS/	61.	4711955	12/08/1987	Ward et al.			
	62.	4713326	12/15/1987	Dattagupta et al.			
	63.	4719087	01/12/1988	Hanaway			
	64.	4719615	01/12/1988	Feyrer et al.			
	65.	4720786	01/19/1988	Hara			
	66.	4728591	03/01/1988	Clark et al.			
	67.	4737454	04/12/1988	Dattagupta et al.			
	68.	4741043	04/26/1988	Bacus			
	69.	4777597	10/11/1988	Shiraishi et al.			
	70.	4797355	01/10/1989	Stabinsky			
	71.	4798706	01/17/1989	Brigati			
	72.	4802101	01/31/1989	Hara			
	73.	4811218	03/07/1989	Hunkapiller et al.			
	74.	4829010	05/09/1989	Chang			
	75.	4834946	05/30/1989	Levin			
	76.	4837168	06/06/1989	de Jaeger et al.			
	77.	4855225	08/08/1989	Fung et al.			
	78.	4867733	06/06/1989	Shiraishi et al.			
	79.	4877965	10/31/1989	Dandliker et al.			
	80.	4885696	12/05/1989	Hara			
	81.	4888695	12/19/1989	Shiraishi et al.			
	82.	4889427	12/26/1989	Van Veen et al.			
	83.	4894786	01/16/1990	Hara			
	84.	4894796	01/16/1990	Engel et al.			
	85.	4931223	06/05/1990	Bronstein et al.			
	86.	4933147	06/12/1990	Hollar et al.			
	87.	4939667	07/03/1990	Hara et al.			
	88.	4941092	07/10/1990	Hara et al.			
	89.	4952707	08/28/1990	Edwards et al.			
↓	90.	4958281	09/18/1990	Hara			

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
---	--------------------------------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 4 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

U.S. PATENT DOCUMENTS							
Initial		Document No.	Date	Name	Class	Sub-Class	Filing Date
/KRS/	91.	4963815	10/16/1990	Hafeman			
	92.	4965188	10/23/1990	Mullis et al.			
	93.	4965725	10/23/1990	Rutenberg			
	94.	4972325	11/20/1990	Hara			
	95.	4981783	01/01/1991	Augenlicht			
	96.	4982326	01/01/1991	Kaneko			
	97.	4994373	02/19/1991	Stavrianopoulos et al.			
	98.	4996142	02/26/1991	Al-Hakim et al.			
	99.	4997278	03/05/1991	Finlan et al.			
	100.	5002867	03/26/1991	Macevicz			
	101.	5028545	07/02/1991	Soini			
	102.	5035863	07/30/1991	Finlan et al.			
	103.	5047633	09/10/1991	Finlan et al.			
	104.	5077210	12/31/1991	Eigler et al.			
	105.	5112736	05/12/1992	Caldwell et al.			
	106.	5143854	09/01/1992	Pirung et al.			
	107.	5156810	10/20/1992	Ribi			
	108.	5171534	12/15/1992	Smith et al.			
	109.	5173260	12/22/1992	Zander et al.			
	110.	5173747	12/22/1992	Boiarski et al.			
	111.	5196305	03/23/1993	Findlay et al.			
	112.	5202231	04/13/1993	Drmanac et al.			
	113.	5215882	06/01/1993	Bahl et al.			
	114.	5215889	06/01/1993	Schultz			
	115.	5219763	06/15/1993	Van Hoegaerden			
	116.	5229297	07/20/1993	Schnipelsky et al.			
	117.	5252743	10/12/1993	Barrett et al.			
	118.	5260190	11/09/1993	Shiraishi et al.			
	119.	5266498	11/30/1993	Tarcha et al.			
↓	120.	5270006	12/14/1993	Uchigaki et al.			

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
---	--------------------------------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 5 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

U.S. PATENT DOCUMENTS							
Initial		Document No.	Date	Name	Class	Sub-Class	Filing Date
/KRS/	121.	5270162	12/14/1993	Shiraishi et al.			
	122.	5273632	12/28/1993	Stockham et al.			
	123.	5281540	01/25/1994	Merkh et al.			
	124.	5288514	02/22/1994	Ellman			
	125.	5291763	03/08/1994	Cuisinot			
	126.	5297288	03/22/1994	Hemminger et al.			
	127.	5300779	04/05/1994	Hillman et al.			
	128.	5306618	04/26/1994	Prober et al.			
	129.	5310469	05/10/1994	Cunningham et al.			
	130.	5318679	06/07/1994	Nishioka			
	131.	5320808	06/14/1994	Holen et al.			
	132.	5332666	07/26/1994	Prober et al.			
	133.	5348855	09/20/1994	Dattagupta et al.			
	134.	5362866	11/08/1994	Arnold, Jr.			
	135.	5380489	01/10/1995	Sutton et al.			
	136.	5382512	01/17/1995	Smethers et al.			
	137.	5384261	01/24/1995	Winkler et al.			
	138.	5405783	04/11/1995	Pirung et al.			
	139.	5412087	05/02/1995	McGall et al.			
	140.	5424186	06/13/1995	Fodor et al.			
	141.	5427908	06/27/1995	Dower et al.			
	142.	5436327	07/25/1995	Souther et al.			
	143.	5445934	08/29/1995	Fodor et al.			
	144.	5449754	09/12/1995	Nishioka			
	145.	5470710	11/28/1995	Weiss et al.			
	146.	5489678	02/06/1996	Fodor et al.			
	147.	5491224	02/13/1996	Bittner et al.			
	148.	5491570	02/13/1996	Rakuljic et al.			
	149.	5492806	02/20/1996	Drmanac et al.			
✓	150.	5492840	02/20/1996	Malmqvist et al.			

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 6 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

U.S. PATENT DOCUMENTS							
Initial		Document No.	Date	Name	Class	Sub-Class	Filing Date
/KRS/	151.	5525464	06/11/1996	Drmanac et al.			
	152.	5527681	06/18/1996	Holmes			
	153.	5532128	07/02/1996	Eggers et al.			
	154.	5541061	07/30/1996	Fodor et al.			
	155.	5543061	08/06/1996	Baskis			
	156.	5545531	08/13/1996	Rava et al.			
	157.	5547839	08/20/1996	Dower et al.			
	158.	5556749	09/17/1996	Mitsubishi et al.			
	159.	5571639	11/05/1996	Hubbell et al.			
	160.	5573950	11/12/1996	Graessle et al.			
	161.	5578832	11/26/1996	Trulson et al.			
	162.	5639603	06/17/1997	Dower et al.			
	163.	5639612	06/17/1997	Mitsubishi et al.			
	164.	5653939	08/05/1997	Hollis et al.			
	165.	5658734	08/19/1997	Brock et al.			
	166.	5665549	09/09/1997	Pinkel et al.			
	167.	5688642	11/18/1997	Chrissey et al.			
	168.	5695940	12/09/1997	Drmanac et al.			
	169.	5700637	12/23/1997	Southern			
	170.	5727098	03/10/1998	Jacobson			
	171.	5744305	04/28/1998	Fodor et al.			
	172.	5770721	06/23/1998	Ershov et al.			
	173.	5795716	08/18/1998	Chee et al.			
	174.	5800992	09/01/1998	Fodor et al.			
	175.	5807522	09/15/1998	Brown et al.			
	176.	5837832	11/17/1998	Chee et al.			
	177.	5843767	12/01/1998	Beattie			
	178.	5889165	03/30/1999	Fodor et al.			
	179.	5922534	07/13/1999	Lichtenwalter			
↓	180.	5959098	09/28/1999	Goldberg et al.			

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
---	--------------------------------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 7 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

U.S. PATENT DOCUMENTS							
Initial		Document No.	Date	Name	Class	Sub-Class	Filing Date
/KRS/	181.	5972619	10/26/1999	Drmanac et al.			
	182.	5976896	11/02/1999	Kumar et al.			
	183.	6054270	04/25/2000	Southern			
	184.	6063339	05/16/2000	Tisone et al.			
	185.	6083697	07/04/2000	Beecher et al.			
	186.	6103463	08/15/2000	Chetverin et al.			
	187.	6140044	10/31/2000	Besemer et al.			
	188.	6171797	01/09/2001	Perbost			
	189.	6197506	03/06/2001	Fodor et al.			
	190.	6210894	04/03/2001	Brennan			
	191.	6221653	04/24/2001	Caren et al.			
	192.	6225625	05/01/2001	Pirrung et al.			
	193.	6235483	05/22/2001	Wolber et al.			
	194.	6255053	07/03/2001	Lichtenwalter			
	195.	6270961	08/07/2001	Drmanac			
	196.	6284460	09/04/2001	Fodor et al.			
	197.	6316191	11/13/2001	Drmanac et al.			
	198.	6329143	12/11/2001	Stryer et al.			
	199.	6346423	02/12/2002	Schembri			
	200.	6355432	03/12/2002	Fodor et al.			
	201.	6379895	04/30/2002	Fodor et al.			
	202.	6399365	06/04/2002	Besemer et al.			
	203.	6403957	06/11/2002	Fodor et al.			
	204.	6416952	07/09/2002	Pirrung et al.			
	205.	6440667	08/27/2002	Fodor et al.			
	206.	6451536	09/17/2002	Fodor et al.			
	207.	6458583	10/01/2002	Bruhn et al.			
	208.	6468740	10/22/2002	Holmes			
	209.	6491871	12/10/2002	Fodor et al.			
↓	210.	6506558	01/14/2003	Fodor et al.			

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
---	--------------------------------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 8 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

U.S. PATENT DOCUMENTS							
Initial		Document No.	Date	Name	Class	Sub-Class	Filing Date
/KRS/	211.	6566495	05/20/2003	Fodor et al.			
	212.	6582908	06/24/2003	Fodor et al.			
	213.	6600031	07/29/2003	Fodor et al.			
	214.	6607887	08/19/2003	Chee			
	215.	6630308	10/07/2003	Stryer et al.			
	216.	6646243	11/11/2003	Pirung et al.			
	217.	6660234	12/09/2003	Stryer et al.			
	218.	6747143	06/08/2004	Stryer et al.			
	219.	6852490	02/08/2005	Gentalen et al.			
	220.	6919211	07/19/2005	Fodor et al.			
	221.	6955915	10/18/2005	Fodor et al.			
	222.	7015046	03/21/2006	Wohlstadter et al.			
	223.	7064197	06/20/2006	Rabbani et al.			
	224.	7125674	10/24/2006	Beattie			

FOREIGN PATENT DOCUMENTS							
		Document No.	Date	Country	Class	Sub-Class	Translation
/KRS/	225.	CA 1248873	01/17/1989	Canada			
	226.	DE 3722958	01/18/1989	Germany			Abstract
	227.	EP 0 063 810 A1	11/03/1982	Europe			
	228.	EP 0 130 739 A2	01/09/1985	Europe			
	229.	EP 0 171 150 A2	02/12/1986	Europe			
	230.	EP 0 212 314 A2	03/04/1987	Europe			
	231.	EP 0 212 314 A3	07/19/1989	Europe			
	232.	EP 0 212 314 B1	04/27/1994	Europe			
	233.	EP 0 235 726 A2	09/09/1987	Europe			
	234.	EP 0 237 362 A1	09/16/1987	Europe			
	235.	EP 0 238 332 A2	09/23/1987	Europe			
	236.	EP 0 268 237 A2	05/28/1988	Europe			
	237.	EP 0 268 237 A3	11/30/1988	Europe			
	238.	EP 0 304 202 A1	02/22/1989	Europe			

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
--	-------------------------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 9 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

FOREIGN PATENT DOCUMENTS							
		Document No.	Date	Country	Class	Sub-Class	Translation
/KRS/	239.	EP 0 328 256	08/16/1989	Europe			
	240.	EP 0 347 210	12/20/1989	Europe			
	241.	EP 0 353 592 A2	02/07/1990	Europe			
	242.	EP 0 353 592 A3	05/29/1991	Europe			
	243.	EP 0 353 592 B1	04/24/1996	Europe			
	244.	EP 0 373 203 A0	06/20/1990	Europe			
	245.	EP 0 373 203 B1	08/31/1994	Europe			
	246.	EP 0 373 203 B2	02/14/2007	Europe			
	247.	EP 0 377 729 A0	07/18/1990	Europe			
	248.	EP 0 377 729 A4	10/24/1990	Europe			
	249.	EP 0 377 729 B1	08/25/1993	Europe			
	250.	EP 0 378 968 A2	07/25/1990	Europe			
	251.	EP 0 378 968 A3	06/12/1991	Europe			
	252.	EP 0 381 501 A2	08/08/1990	Europe			
	253.	EP 0 381 501 A3	06/05/1991	Europe			
	254.	EP 0 381 501 B1	06/08/1994	Europe			
	255.	EP 0 392 546 A2	10/17/1990	Europe			
	256.	EP 0 396 116 A2	11/07/1990	Europe			
	257.	EP 0 396 116 A3	01/22/1992	Europe			
	258.	EP 0 396 116 B1	02/05/1997	Europe			
	259.	EP 0 416 038 A0	01/11/1990	Europe			
	260.	EP 0 416 038 A4	01/08/1992	Europe			
	261.	EP 0 416 038 B1	03/26/1997	Europe			
	262.	EP 0 445 915 A1	09/11/1991	Europe			
	263.	EP 0 514 927 A1	11/25/1992	Europe			
	264.	EP 0 549 388 A1	06/30/1993	Europe			Abstract
	265.	EP 0 619 321 B1	01/07/1999	Europe			
	266.	EP 0 624 059 A0	05/27/1993	Europe			
	267.	EP 0 631 635 A0	09/16/1993	Europe			
↓	268.	EP 0 631 635 B1	09/12/2001	Europe			

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i>	
	Filing Date: November 28, 2000	Group Art Unit: 1631

FOREIGN PATENT DOCUMENTS							
		Document No.	Date	Country	Class	Sub-Class	Translation
/KRS/	269.	EP 0 677 194 A0	05/24/1996	Europe			
	270.	EP 0 677 194 A4	01/17/1996	Europe			
	271.	EP 0 834 576 A2	04/08/1998	Europe			
	272.	EP 0 834 576 A3	06/16/1999	Europe			
	273.	EP 0 834 576 B1	01/16/2002	Europe			
	274.	FR 2684688	06/11/1993	France			Abstract
	275.	GB 1561042	02/13/1980	Great Britain			
	276.	GB 2129551	05/16/1984	Great Britain			
	277.	GB 2228998 A	09/12/1990	Great Britain			
	278.	JP 58-009070	01/19/1983	Japan			Abstract
	279.	JP 63-223557	09/19/1988	Japan			Abstract
	280.	WO 84/01031 A1	03/15/1984	WIPO			
	281.	WO 84/03151 A1	08/16/1984	WIPO			
	282.	WO 85/01051	03/14/1985	WIPO			
	283.	WO 86/03782	07/03/1986	WIPO			
	284.	WO 88/01302	02/25/1988	WIPO			
	285.	WO 89/10977	11/16/1989	WIPO			
	286.	WO 89/11548	11/30/1989	WIPO			
	287.	WO 90/01564 A1	02/22/1990	WIPO			
	288.	WO 90/02173 A1	03/08/1990	WIPO			
	289.	WO 90/02204 A1	03/08/1990	WIPO			
	290.	WO 90/03382	04/05/1990	WIPO			
	291.	WO 90/04652	05/03/1990	WIPO			
	292.	WO 90/05789	05/31/1990	WIPO			
	293.	WO 90/05910 A1	05/31/1990	WIPO			
	294.	WO 90/08838 A1	08/09/1990	WIPO			
	295.	WO 90/15070	02/13/1990	WIPO			
	296.	WO 92/10092 A1	06/25/1992	WIPO			
	297.	WO 92/10587 A1	06/25/1992	WIPO			
	298.	WO 92/10588	06/25/1992	WIPO			

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
---	--------------------------------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 11 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

FOREIGN PATENT DOCUMENTS							
		Document No.	Date	Country	Class	Sub-Class	Translation
/KRS/	299.	WO 92/20824 A1	11/26/1992	WIPO			
↓	300.	WO 93/09668 A1	05/27/1993	WIPO			
↓	301.	WO 93/11262	06/30/1993	WIPO			
↓	302.	WO 93/17126	09/02/1993	WIPO			
↓	303.	WO 93/18186 A1	09/16/1993	WIPO			
↓	304.	WO 93/22053 A1	11/11/1993	WIPO			
↓	305.	WO 93/22058 A1	11/11/1993	WIPO			
↓	306.	WO 93/22680 A1	11/11/1993	WIPO			
↓	307.	WO 94/11837 A1	05/26/1994	WIPO			
↓	308.	WO 95/00530	01/05/1995	WIPO			
↓	309.	WO 95/09248	04/06/1995	WIPO			
↓	310.	WO 95/09248 A1	04/06/1995	WIPO			
↓	311.	WO 95/11995	06/04/1995	WIPO			
↓	312.	WO 95/20681 A1	08/03/1995	WIPO			
↓	313.	WO 95/25116 A1	09/21/1995	WIPO			
↓	314.	WO 95/35505 A1	12/28/1995	WIPO			
↓	315.	WO 97/10365 A1	03/20/1997	WIPO			
↓	316.	WO 97/27317	07/13/1997	WIPO			
Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)					
/KRS/	317.	Abbott et al., "Manipulation of the Wettability of Surfaces on the 0.1- to 1-Micrometer Scale Through Micromachining and Molecular Self-Assembly," Science 257:1380-1382, American Association for the Advancement of Science, Washington D.C. (1992).					
↓	318.	Amit et al., "Photosensitive protecting groups of amino sugars and their use in glycoside synthesis. 2-nitrobenzyloxycarbonylamino and 6-nitroveratryloxy-carbonylamino derivatives" J. Org. Chem. 39(2):192-196, American Chemical Society, Washington, D.C. (1974).					
↓	319.	Bains and Smith, "A novel method for nucleic acid sequence determination," J. Theor. Biol. 135: 303-307, Academic Press, London, England (1988).					
↓	320.	Barinaga, M., "Will 'DNA Chip' Speed Genome Initiative?" Science 253:1489, American Association for the Advancement of Science, Washington D.C. (Sep. 27, 1991).					

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 12 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	321.	Beltz et al., "Isolation of Multigene Families and Determination of Homologies by Filter Hybridization Methods," Meth. Enzymol. 100:266-285, Academic Press, New York, New York (1983).
	322.	Bhatia et al., "New Approach To Producing Patterned Biomolecular Assemblies," J. Am. Chem. Soc. 114:4432-4433, American Chemical Society, Washington, D.C. (1992).
	323.	Blawas et al., "Step-and-Repeat Photopatterning of Protein Features Using Caged-Biotin-BSA: Characterization and Resolution," Langmuir 14(15):4243-4250, American Chemical Society, Washington, D.C. (1998).
	324.	Blawas, A.S., "Photopatterning of Protein Features using Caged-biotin-Bovine Serum Albumin," dissertation for Ph.D at Duke University in 1998.
	325.	Cantor et al., "Report on the Sequencing by Hybridization Workshop," Genomics 13:1378-1383, Academic Press, San Diego, California (1992).
	326.	Carrano et al., "A High-Resolution. Fluorescence-Based. Semiautomated Method for DNA Fingerprinting," Genomics 4:129-136, Academic Press, San Diego, California (1989).
	327.	Caruthers, M.H., "Gene Synthesis Machines: DNA Chemistry and Its Uses," Science 230:281-285, American Association for the Advancement of Science, Washington D.C. (1985).
	328.	Chatterjee et al., "Inducible Alkylation of DNA Using an Oligonucleotide-Quinone Conjugate," J. Am. Chem. Soc. 112:6397-6399, American Chemical Society, Washington, D.C. (1990).
	329.	Chee et al., "Accessing Genetic Information with High-Density DNA Arrays," Science 274:610-614, American Association for the Advancement of Science, Washington D.C. (1996).
	330.	Chehab et al. "Detection of specific DNA sequences by fluorescence amplification: A color complementation assay," Proc. Natl. Acad. Sci. USA 86:9178-9182, National Academy of Sciences, Washington D.C. (1989).
	331.	Chetverin, A.H. and Kramer, F.R., "Oligonucleotide Arrays: New Concepts and Possibilities" Bio/Technology. 12:1093-1099, Nature Publishing Co., New York, New York (Nov. 1994).
	332.	Chow et al., "A high capacity, reusable oligodeoxythymidine affinity column," Anal Biochem. 175:63-66, Academic Press, New York, New York (1988).
	333.	Church et al., "Genomic sequencing," Proc. Natl. Acad. Sci. USA 81:1991-1995, National Academy of Sciences, Washington D.C. (1984).
↓	334.	Church et al., "Multiplex DNA sequencing," Science 240:185-188, American Association for the Advancement of Science, Washington D.C. (1988).

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
--	-------------------------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 13 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	335.	Church, "Computer Assisted Multiplex Sequencing," Progress Report, Harvard Medical School, Boston MA. Dept. of Genetics, 9 pages (1991).
	336.	Conner et al., "Detection of sickle cell β s-globin allele by hybridization with synthetic oligonucleotides," Proc. Natl. Acad. Sci. USA 80:278-282 (1983).
	337.	Coulson et al., Proc. Natl. Acad. Sci. USA 83:7821-7825, National Academy of Sciences, Washington D.C. (Oct. 1986).
	338.	Craig et al., "Ordering of cosmid clones covering the herpes simplex virus type 1 (HSV-1) genome: A test case for fingerprinting by hybridisation," Nucl. Acids Res. 18:2653-2660, IRL Press, Ltd., London, England (1990).
	339.	Crkvenjakov and Drmanac, "An Integral Approach for Complex Genome Studies," research proposal submitted Office of Health and Environmental Research, U.S. Department of Energy, 54 pages (Oct. 1990)
	340.	Crkvenjakov et al. "Miniaturization of Sequencing by Hybridization (SBH): A Novel Method For Genome Sequencing" abstract no. P37, DOE/NIH Human Genome Contractors/Grantee Workshop (Nov. 1989)
	341.	Crkvenjakov et al., "Miniaturization of Sequencing by Hybridization (SBH): A Novel Method for Genome Sequencing," Poster abstract presented at Wolf Trap Genome Sequencing Conference, Vienna, Virginia, USA (1989)
	342.	Crkvenjakov, "Sequencing of Megabase Plus DNA by Hybridization: Method Development ENT," Excerpts from DOE Grant No. DE-FB02-88ER60699, 18 pages (October 1990).
	343.	Dattagupta et al., "Rapid identification of Microorganisms by Nucleic Acid Hybridization after Labeling the Test Sample," Anal. Biochem. 177:85-89, Academic Press, New York, New York (1989).
	344.	Dear and Staden, "A sequence assembly and editing program for efficient management of large projects," Nucl. Acids Res. 19:3907-3911 (1991).
	345.	Donis-Keller et al., "A Genetic Linkage Map of the Human Genome," Cell 51:319-337 (1987).
	346.	Dower, W.J. and Fodor, S., "The Search for Molecular Diversity (II): Recombinant and Synthetic Randomized Peptide Libraries" Annu. Rep. Med. Chem. 26:271-280, Academic Press, New York, New York (1991).
	347.	Drmanac et al., "Prospects for a Miniaturized, Simplified and Frugal Human Genome Project," Sci. Yugoslav. 16(1-2):97-107 (1990).
↓	348.	Drmanac, R., et al., "An algorithm for the DNA sequence generation from k-tuple word contents of the minimal number of random fragments" J. Biomol. Struct. Dyn. 8(5):1085-1102, Adenine Press, Guilderland, NY (1991).

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 14 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	349.	Drmanac, R., et al., "Partial Sequencing by Oligo-hybridization: Concept and Applications in Genome Analysis" The First Intl. Conf. Electrophoresis, Supercomputing, and the Human Genome, Eds. Cantor and Lim, World Scientific, pp. 60-74 (Apr. 10-13, 1990).
	350.	Drmanac, R., et al., "Sequencing by Oligonucleotide Hybridization: A Promising Framework in Decoding of the Genome Program?" The First Intl. Conf. Electrophoresis, Supercomputing, and the Human Genome, Eds. Cantor and Lim, World Scientific, pp. 47-59 (Apr. 10-13, 1990).
	351.	Drmanac, R., et al., "Sequencing of Megabase Plus DNA by Hybridization: Theory of the Method" Genomics 4:114-128, Academic Press, San Diego, California (1989).
	352.	Drmanac, R., et al., "DNA Sequence Determination by Hybridization: A Strategy for Efficient Large-Scale Sequencing," Science 260:1649-1652, American Association for the Advancement of Science, Washington D.C. (1993)
	353.	Drmanac, R., et al., "SBH and the Integration of Complementary Approaches in the Mapping, Sequencing, and Understanding of Complex Genomes," The Second International Conference on Bioinformatics, Supercomputing and Complex Genome Analysis: Proceedings of the June 4-7, 1992 Conference at St. Petersburg Beach, Florida. pp. 121-134, (1993)
	354.	Drmanac, R., et al., "Sequencing by hybridization: towards an automated sequencing of one million M13 clones arrayed on membranes," Electrophoresis 13:566-573, Verlag Chemie, Weinheim, Germany (1992).
	355.	Drmanac, R., et al., Laboratory Methods--Reliable Hybridization of Oligonucleotides as Short as Six Nucleotides, DNA Cell Biol. 9:527-534, Mary Ann Liebert, New York, New York (1990).
	356.	Dunn et al., "Mapping viral mRNAs by sandwich hybridization," Meth. Enzymol. 65(1):468-478, Academic Press, New York, New York (1980).
	357.	Ekins et al., "Development of Microspot Multi-Analyte Ratiometric Immunoassay Using Dual Fluorescent-Labeled Antibodies," Analytica Chimica Acta 227: 73-96, Elsevier, Amsterdam, The Netherlands (1989).
	358.	Ekins et al., "High Specific Activity Chemiluminescent and Fluorescent Markers: their Potential Application to High Sensitivity and 'Multi-analyte' Immunoassays," J. Biolumin. Chemilumin. 4:59-78, Wiley & Sons, Chichester, England (1989).
	359.	Ekins, R.P., "Multi-Analyte immunoassay*," J. Pharm. Biomed. Anal. 7(2):155-168, Pergamon Press, Oxford, England (1989).
✓	360.	Elder, J.K., "Image Processing in Nucleic Acid Sequence Analysis," 166 pages, A thesis submitted for the degree of Doctor of Philosophy, University of Oxford (1993)

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 15 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	361.	Estivill and Williamson, "A rapid method to identify cosmids containing rare restriction sites," Nucl. Acids Res. 15:1415-1423 (1987).
	362.	Evans et al., "Physical Mapping of Complex Genomes by Cosmid Multiplex Analysis" Proc. Natl. Acad. Sci. USA 86:5030-5034, National Academy of Sciences, Washington D.C. (Jul. 1989).
	363.	Feinberg and Vogelstein, "A Technique for Radiolabeling DNA Restriction Endonuclease Fragments to High Specific Activity" Anal. Biochem. 137:266-267, Academic Press, New York, New York (1984) Addendum.
	364.	Flanders et al., "A new interferometric alignment technique," Appl. Phys. Lett. 31(7):426-429, American Institute of Physics, New York, New York (1977).
	365.	Fodor et al., "Light-directed, spatially addressable parallel chemical synthesis" Science 251:767-773, American Association for the Advancement of Science, Washington D.C. (1991).
	366.	Fodor et al., "Multiplexed biochemical assays with biological chips," Nature 364:555-556, Macmillan Journals Ltd., London, England (1993).
	367.	Fodor et al., "DNA Sequencing by Hybridization," Address by Stephen Fodor before The Robert A. Welch Foundation, 37th Annual Conference on Chemical Research 40 Years of the DNA Double Helix, Houston, Texas, October 25 & 26, 1993, pp. 3-9 (1993).
	368.	Forman et al., "Thermodynamics of Duplex Formation and Mismatch Discrimination on Photolithographically Synthesized Oligonucleotide Arrays," chapter 13, pgs. 206-228 from Molecular Modeling of Nucleic Acids, ACS Symposium Series 682, Apr. 13-17, 1997, Leontis et al., eds., American Chemical Society, Washington, D.C.
	369.	Gait, eds., pp. 1-115 from Oligonucleotide Synthesis: A Practical Approach, IRL Press, London, England (1984).
	370.	Gazard et al., "Lithographic Technique Using Radiation-Induced Grafting of Acrylic Acid into Poly(Methyl Methacrylate) Films," Polymer Engineering and Science 20(16):1069-1072, Wiley & Sons, Chichester, England (1980).
	371.	Gergen et al., "Filter replicas and permanent collections of recombinant DNA plasmids," Nucl. Acids Res. 7(8):2115-2137, IRL Press, London, England (1979).
	372.	Geysen et al., "Strategies for epitope analysis using peptide synthesis," J. Immunol. Method. 102:259-274, North-Holland Pub. Co., Amsterdam, The Netherlands (1987).
↓	373.	Hanahan et al., "Plasmid Screening at High Colony Density," Methods Enzymol. 100:333-342, Academic Press, New York, New York (1983).

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 16 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	374.	Haridasan et al., "Peptide Synthesis using Photolytically Cleavable 2-Nitrobenzyloxycarbonyl Protecting Group," Proc. Indian Natn. Sci. Acad. 53A(6):717-728, Indian National Science Academy, New Delhi, India (1987).
	375.	Hodgson and Fisk, "Hybridization probe size control: optimized 'oligolabeling'" Nucl. Acids Res. 15(15):6295, IRL Press, Ltd., London, England (1987).
	376.	Hultman, T., et al., "Direct solid phase sequencing of genomic and plasmid DNA using magnetic beads as solid support," Nucl. Acids Res. 17(13):4937-4946, IRL Press, Oxford, England (1989).
	377.	Jönsson et al., "Surface immobilization techniques in combination with ellipsometry," Methods Enzymol. 137:381-388, Academic Press, New York, New York (1988).
	378.	Kaiser et al., "Specific-primer-directed DNA sequencing using automated fluorescence detection," Nucl. Acids Res. 17:6087-6102 (1989).
	379.	Kerkof and Kelly, "A Procedure for Making Simultaneous Determinations of the Relative Levels of Gene transcripts in Tissues or Cells," Anal. Biochem. 188: 349-355, Academic Press, New York, New York (1990).
	380.	Khrapko et al., "An oligonucleotide hybridization approach to DNA sequencing" FEBS Lett. 256(1):118-122, North-Holland on behalf of the Federation of European Biochemical Societies, Amsterdam, The Netherlands (Oct. 1989).
	381.	Khrapko et al., "A method for DNA sequencing by hybridization with oligonucleotide matrix," DNA Sequence - J. DNA Sequencing and Mapping 1:375-388 (1991).
	382.	Khrapko et al., "Hybridization of DNA with Oligonucleotides Immobilized in Gel: A Convenient Method for Detecting Single Base Substitutions," Molecular Biology 25:581-591 (Dec. 1991) (Russian original: volume 25(3), pp. 718-730, May-Jun. 1991).
	383.	Kimura et al., "An Immobilized Enzyme Membrane Fabrication Method using an Ink Jet Nozzle," Biosensors 4:41-52, Elsevier Applied Science Publishers, Barking, Essex (1988).
	384.	Kohara et al, The Physical Map of the Whole E. coli Chromosome: Application of a New Strategy for Rapid Analysis and Sorting of a large Genomic Library, Cell 50: 495-508, MIT Press, Cambridge, Massachusetts (1987).
	385.	Koster et al., Tetrahedron 40(1):103-112, Pergamon Press, Oxford, England (1984).
	386.	Kreindlin et al., "A Sequenator for Analysis of Diagnostic and Sequencing Microchips," 2 pages, Int'l. Workshop on Sequencing by Hybridization, 2 pages (October 29-30, 1993)
↓	387.	Kremsky et al., "Immobilization of DNA via oligonucleotides containing an aldehyde or carboxylic acid group at the 5' terminus," Nucl. Acids Res. 15(7):2891-2909, IRL Press, Oxford, England (1987).

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
---	--------------------------------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 17 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	388.	Lamtire et al., "Direct detection of nucleic acid hybridization on the surface of a charge coupled device," Nucl. Acids Res. 22(11):2121-2125 (1994).
	389.	Lander et al., "Genomic Mapping by Fingerprinting Random Clones: A Mathematical Analysis," Genomics 2:231-239, Academic Press, San Diego, California (1988).
	390.	Larin et al., "Fluoresence in situ hybridisation of multiple probes on a single microscope slide," Nucl. Acids Res. 22:3689-3692 (1994).
	391.	Lennon, G.G. and H. Lehrach, "Hybridization analyses of arrayed cDNA libraries," Trends Genet. 47(10):314-317, Elsevier Science Publishers B.V., Amsterdam, The Netherlands (1991).
	392.	Lieberman et al. "A Light Source Smaller Than the Optical Wavelength," Science 247:59-61, American Association for the Advancement of Science, Washington D.C. (1990).
	393.	Lipshutz et al., "Using Oligonucleotide Probe Arrays To Access Genetic Diversity," BioTechniques. 19(3):442-447, Eaton Publishing Co., Natick, Massachusetts (1995).
	394.	Lipshutz et al., "DNA Sequence Confidence Estimation," Genomics 19:417-424 (1994).
	395.	Lipshutz, "Likelihood DNA Sequencing By Hybridization," J. Biomol. Struct. & Dynamics 11:637-653 (1993).
	396.	Little, "Clone maps made simple," Nature 346:611-612, Macmillan Journals Ltd., London, England (1990).
	397.	Lockhart et al. "Expression monitoring by hybridization to high-density oligonucleotide arrays," Nat. Biotechnol. 14:1675-1680, Nature Publishing Co., New York, New York (1996).
	398.	Lysov et al., "A New Method for Determining the DNA nucleotide Sequence by Hybridization with Oligonucleotides," Doklady Biochemistry 303:436-438 (May 1989) (Russian original volume 303(1-6):1508-1511 Nov.-Dec. 1988).
	399.	Maskos and Southern, "Parallel analysis of oligodeoxyribonucleotide (oligonucleotide) interactions. I. Analysis of factors influencing oligonucleotide duplex formation," Nucl. Acids Res. 20:1675-1678 (1992).
	400.	Maskos et al., "A novel method for the analysis of multiple sequence variants by hybridisation to oligonucleotides," Nucl. Acids Res. 19(21):2267-2268, Oxford University Press, Oxford, England (1993).
	401.	Maskos, U. and E.M. Southern 'A Study of Oligonucleotide Reassociation Using Arrays of Oligonucleotides Synthesized on a Glass Support," Nucl. Acids Res. 21:4663-4669, Oxford University Press, Oxford, England (1993).
✓	402.	Maskos, U., A Novel Method Of Nucleic Acid Sequence Analysis, Doctoral Thesis, Univ. of Oxford, 165 pages (1991).

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
---	--------------------------------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 18 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	403.	Matteucci et al., "Synthesis of deoxyoligonucleotides on a polymer support," J. Am. Chem. Soc. 103:3185-3191, American Chemical Society, Washington, D.C. 1981.
	404.	Maxam and Gilbert, "A New Method for Sequencing DNA," Proc. Natl. Acad. Sci. USA 74:560-564 (1977).
	405.	McCray et al., "Properties and Uses of Photoreactive Caged Compounds," Ann. Rev. Biophys. Biophys. Chem. 18:239-270, Annual reviews, Palo Alto, California (1989).
	406.	McGall et al. "The Efficiency of Light-Directed Synthesis of DNA Arrays on Glass Substrates," J. Am. Chem. Soc. 119(22):5081-5090, American Chemical Society, Washington, D.C. (1997).
	407.	McGillis, "Lithography," VLSI Technology, McGraw-Hill Book Company, Chapter 7, pp. 267-300, John Wiley & Sons, New York, New York, USA (1983).
	408.	Merrifield, R.B., "Solid Phase peptide Synthesis. I. The Synthesis of a Tetrapeptide," J. Am. Chem. Soc. 85:2149-2154, American Chemical Society, Washington, D.C. (1963).
	409.	Michiels et al., "Molecular Approaches to Genome Analysis: A Strategy for the Construction of Ordered Overlapping Clone Libraries" CABIOS 3(3):203-210 (1987).
	410.	Mirzabekov, "Sequencing of DNA by Hybridization with oligonucleotide matrix (SHOM)," DOE grant application, 8 pages (1992).
	411.	Mirzabekov, A.D., "DNA sequencing by hybridization--a megasequencing method and a diagnostic tool?," TIBTECH 12:27-32, Elsevier Science Publishers B.V., Amsterdam, The Netherlands (1994).
	412.	Nederlof et al., "Three-Color Fluorescence In Situ Hybridization for the Simultaneous Detection of Multiple Nucleic Acid Sequences," Cytometry 10:20-27, Wiley-Liss, New York, New York (1989).
	413.	Olson et al., "Random-clone strategy for genomic restriction mapping in yeast" Proc. Natl. Acad. Sci. USA 83:7826-7830, National Academy of Sciences, Washington D.C. (Oct. 1986).
	414.	Patchornik et al., "Photosensitive Protecting Group" J. Am. Chem. Soc. 92(21):6333-6335, American Chemical Society, Washington, D.C. (Oct. 21, 1970).
	415.	Pease et al., "Light-generated oligonucleotide arrays for rapid DNA sequence analysis," Proc. Natl. Acad. Sci. USA 91:5022-5026, National Academy of Sciences, Washington D.C. (1994).
✓	416.	Pevzner et al., "Improved Chips for Sequencing by Hybridization," J. Biomol. Struct. & Dynamics 9:399-410 (1991).

Examiner /Karlheinz Skowronek/ 50996 vi/DC	Date Considered 12/18/2007
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 19 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	417.	Pevzner, P.A., "1-Tuple DNA sequencing: Computer analysis" J. Biomol. Struct. Dyn. 7(1):63-73, Adenine Press, Guilderland, New York, New York (1989).
	418.	Pillai, V.N., "Photoremovable Protecting Groups in Organic Synthesis," Synthesis, pp. 1-26 (1980).
	419.	Pirrung et al., "Comparison of Methods for Photochemical Phosphoramidite-Based DNA Synthesis," J. Org. Chem. 60:6270-6276, American Chemical Society, Washington, D.C. (1995).
	420.	Pirrung et al., "Proofing of Photolithographic DNA Synthesis with 3'.5'-Dimethoxybenzoxyloxycarbonyl-Protected Deoxynucleoside Phosphoramidites," J. Org. Chem. 63(2):241-246, American Chemical Society, Washington, D.C. (1998).
	421.	Polsky-Cynkin et al., "Use of DNA Immobilized on Plastic and Agarose Supports to Detect DNA by Sandwich Hybridization," Clin. Chem. 31(9):1438-1443, American Association For Clinical Chemistry, Washington, D.C. (1985).
	422.	Poustka et al., "Molecular approaches to mammalian genetics" Cold Spring Harbor Symp. Quant. Biol. 51(Pt. 1):131-139, Cold Spring Harbor Laboratory Press, Cold Spring Harbor, New York (1986).
	423.	Prober et al., "A System for Rapid DNA Sequencing with Fluorescent Chain-Terminating Dideoxynucleotides," Science 238:336-341 (1987).
	424.	Quesada et al., "High-Sensitivity DNA Detection with a Laser-Exited Confocal Fluorescence Gel Scanner," Biotechniques 10:616, Eaton Publishing Co., Natick, Massachusetts (1991).
	425.	Rabbee et al., "A genotype calling algorithm for affymetrix SNP arrays," Bioinformatics 22:7-12 (2006).
	426.	Raoult et al., "The line blot: an immunoassay for monoclonal and other antibodies," J. Immunological Meth. 125:57-65 (1989).
	427.	Rentrop et al., "Aminoalkylsilane-treated glass slides as support for in situ hybridization of keratin cDNAs to frozen tissue sections under varying fixation and pretreatment conditions," Histochem. J. 18(5):271-276, Chapman and Hall, London, England (1986).
	428.	Renz et al., "A colorimetric method for DNA hybridization," Nucl. Acids Res. 12(8):3435-3445, IRL Press Ltd., London, England (1984).
	429.	Saiki et al., "Analysis of enzymatically amplified β -globin and HLA-DQ.alpha. DNA with Allele-specific oligonucleotide probes," Nature 324:163-166, Macmillan Journals Ltd., London, England (1986).
✓	430.	Sanger et al., "DNA Sequencing with Chain-terminating Inhibitors," Proc. Natl. Acad. Sci. USA 74:5463-5467 (1977).

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 20 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	431.	Sheldon et al., "Matrix DNA Hybridization," Clin. Chem. 39(4):718-719, American Association For Clinical Chemistry, Washington, D.C. (1993).
	432.	Southern et al., "Analyzing and Comparing Nucleic Acid Sequences by Hybridization to Arrays of Oligonucleotides: Evaluation Using Experimental Models" Genomics 13:1008-1017, Academic Press, San Diego, California (1992).
	433.	Southern et al., "Arrays of complementary oligonucleotides for analysing the hybridisation behaviour of nucleic acids," Nucl. Acids Res. 22:1368-1373 (1994).
	434.	Southern, E.M., "Detection of Specific Sequences Among DNA Fragments Separated by Gel Electrophoresis," J. Mol. Biol. 98:503-517, Academic Press, New York, New York (1975).
	435.	Stodolsky, "Sequencing by Hybridization (SBH) R&D at the Center for Genetic Engineering in Belgrade, Yugoslavia: The Radomir Crkvenjakov Laboratory in 1989," 6 pages, (publication location and date unknown).
	436.	Stodolsky, M., "Sequencing By Hybridization (SBH) The Rasomir Crkvenjakov Laboratory in 1989," 4 pages, (June 1989)
	437.	Strezoska, Z., et al., "DNA sequencing by hybridization: 100 bases read by a non-gel-based methods," Proc. Natl. Acad. Sci. USA 88:10089-10093, National Academy of Sciences, Washington, D.C. (1991)
	438.	Stryer, L., "DNA Probes and Genes Can be Synthesized by Automated Solid-Phase Methods," from Biochemistry, Third Edition, published by W.H. Freeman & Co., pp. 123-124 (1988).
	439.	Stuber et al., "Synthesis and photolytic cleavage of bovine insulin B22-30 on a nitrobenzoylglycyl-poly (ethylene glycol) support," Int. J. Pept. Protein Res. 22(3):277-283, Munksgaard, Copenhagen, Denmark (1984).
	440.	Sundberg et al., "Spatially-Addressable Immobilization of Macromolecules on Solid Supports," J. Am. Chem. Soc. 117(49):12050-12057, American Chemical Society, Washington, D.C. (1995).
	441.	Thein and Wallace, "The use of synthetic oligonucleotides as specific hybridization probes in the diagnosis of genetic disorders," in Human Genetic Disease: A Practical Approach, Davies, E.K. (ed.), IRL Press, Oxford, UK, pp. 33-50 (1986).
	442.	Urdea et al., "A comparison of non-radioisotopic hybridization assay methods using fluorescent, chemiluminescent and enzyme labeled synthetic oligodeoxyribonucleotide probes," Nucl. Acids Res. 16(11):4937-4956, IRL Press, Ltd., London, England (1988).
↓	443.	Wallace et al., "Hybridization of synthetic oligodeoxyribonucleotides to ΦX 174 DNA: the effect of single base pair mismatch," Nucl. Acids Res. 11(6):3543-3557, IRL Press, Ltd., London, England (1979).

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 21 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	444.	Weetall et al., "Covalent coupling methods for inorganic support materials," Methods Enzymol. 44: 134-148, Academic Press, New York, New York (1976).
	445.	Wolf et al., "Rapid hybridization kinetics of DNA attached to submicron latex particles," Nucl. Acids Res. 15(7):2911-2926, IRL Press, Ltd., London, England (1987).
	446.	Zehavi et al., "Light-Sensitive Glycosides. 1. 6-Nitroveratryl β -D-Glucopyranoside and 2-Nitrobenzyl β -D-Glucopyranoside," J. Org. Chem. 37(14):2281-2285, American Chemical Society, Washington, D.C. (1972).
	447.	Declaration of Dr. Michael C. Pirrung, submitted by Incyte and Synteni in Affymetrix, Inc. v. Synteni, Inc., and Incyte Pharmaceuticals, Inc. litigations
	448.	Declaration of Fodor, submitted by Incyte and Synteni in Affymetrix, Inc. v. Synteni, Inc., and Incyte Pharmaceuticals, Inc. litigations
	449.	Declaration of Leighton Read, submitted by Incyte and Synteni in Affymetrix, Inc. v. Synteni, Inc., and Incyte Pharmaceuticals, Inc. litigations
	450.	Declaration of Stryer, submitted by Incyte and Synteni in Affymetrix, Inc. v. Synteni, Inc., and Incyte Pharmaceuticals, Inc. litigations
	451.	"Order granting motion for partial summary judgment of claims 1-3 of U.S. Patent No. 5,800,992 for indefiniteness of 'substantially complementary'," 12 pages, submitted by Incyte and Synteni in Affymetrix, Inc. v. Synteni, Inc., and Incyte Pharmaceuticals, Inc. litigations (September 20, 2001)
	452.	Crkvenjakov, Talk presented at DOE/NIH Human Genome Sequencing Conference in Santa Fe, NM
	453.	Format 3 SBH Super Chip
	454.	Lysov et al., "A New Method for Determining the DNA Nucleotide Sequence by Hybridization with Oligonucleotides," Abstract of Human Genome I: An International Conference on the Status and Future of Research on the Human Genome (October 1989)
	455.	Mirzabekov, "Sequencing of DNA by Hybridization with oligonucleotides matrix (SHOM)," Engelhardt Institute of molecular Biology Grant Application (March 1992) ("Mirzabekov Grant Application, 1992")
	456.	"Facts and Submissions," in opposition to EP 1 086 742, 40 pages (dated July 26, 2006)
↓	457.	"Interlocutory Decision in Opposition Proceedings," in opposition to EP 1 086 742, 2 pages (dated July 26, 2006)

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 22 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	458.	"Maintenance of the patent with the documents specified in the final decision," in opposition to EP 1 086 742, 1 page (Dated November 4, 2006)
	459.	Declaration of Grant Morgan, in Japanese Patent Application No. 8-324451, 15 pages (dated September 16, 2002)
	460.	Claims as granted of EP 834575, 2 pages, (November 28, 2001)
	461.	Interlocutory decision in Opposition proceedings, in the Opposition to EP 0834575, 33 pages (dated January 24, 2005)
	462.	Analysis of ECLA classification of D1 and D2, 3 pages (submitted August 8, 2005)
	463.	"Summary of Facts and Submissions," including preliminary opinion, in the Opposition to EP 0834575, 22 pages (dated July 14, 2004)
	464.	Communication concerning Oral Proceeding Minutes, in the Opposition to EP 0834575, 9 pages (dated December 30, 2004)
	465.	Interlocutory decision in Opposition proceedings, in the Opposition to EP 0834575, 19 pages (dated January 24, 2005)
	466.	"Summary of Facts and Submissions," in the Opposition to EP 0834575, 32 pages (dated January 24, 2005)
	467.	"Notice of Appeal," filed by Affymetrix in the Opposition to EP 0834575, 1 page (dated March 23, 2005)
	468.	Golub et al, "Molecular Classification of Cancer: Class Discovery and Class Prediction by Gene Expression Monitoring," Science 286:531-537 (1999)
	469.	Southern et al. "Parallel synthesis and analysis of large numbers of related chemical compounds: applications to oligonucleotides," Journal of Biotechnology 35:217-227 (1994)
	470.	Declaration of Professor Anthony Edward George Cass, in the matter of EP application no. 99202455.4, 25 pages (undated)
	471.	Declaration of Dr. James Gerard Wetmur, in the matter of EP 0 834 575, 18 pages (undated October 28, 2003)
	472.	Janowski et al., "Aminopropylsilane Treatment for the Surface of Porous Glasses Suitable for Enzyme Immobilisation," J. Chem. Tech. Biotechnol. 51:263-272 (1991)
↓	473.	Kazazian, "Chapter 14. Use of PCR in the Diagnosis of Monogenic Disease," in PCR Technology, Principles and Applications for DNA Amplification, Erlich, Ed., Stockton Press, New York, New York, pp. 153-169 (1989)

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 23 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	474.	Erllich and Bugawan, "Chapter 16. HLA Class II Gene Polymorphism: DNA Typing, Evolution, and relationship to Disease Susceptibility," in PCR Technology, Principles and Applications for DNA Amplification, Erllich, Ed., Stockton Press, New York, New York, pp. 193-204 (1989)
	475.	Downs et al., "New DNA Technology and the DNA Biosensor," Analytical Letters 20(12):1897-1927 (1987)
	476.	Submission by Opponent 2 Metrigen, Inc.(Successor-In-Interest to Protogene Laboratories, Inc.) in opposition to European Patent No 0 619 321, 57 pages (dated September 27, 2003)
	477.	Statement of Dr. Paul H. Silverman in the opposition to EP 0619321, 7 pages (dated July 25, 2003)
	478.	Coassin, Meeting with Affymax Researcher at Human Genome III Poster Presentation, in the opposition to EP 0619321, 2 pages (submitted July 29, 2003)
	479.	Silverman, Affymax and Human Genome III, Oct. 21-23, San Diego, 2 pages, in the opposition to EP 0619321 (submitted July 29, 2003)
	480.	Declaration of Dennis W. Solas, in U.S. Patent and Trademark Office Interference Proceeding No. 104,359, 9 pages (dated May 28, 1999)
	481.	OGT v. Affymetrix, Affymetrix' Opening Submissions, HC 1999 02517, HC 1999 04645 (March 22,2001) 81 pages (submitted July 29, 2003)
	482.	Chronology of the Patentee's Efforts to Develop Polynucleotide Arrays, in the opposition to EP 0619321, 5 pages (submitted July 29, 2003)
	483.	Prosecution history of US application 07/362,901, 55 pages, in the opposition to EP 0619321 (submitted July 29, 2003)
	484.	In the matter of Oxford Gene Technologies v. Affymetrix, Inc., Court transcript of November 8, 2000, 21 pages, in the opposition to EP 0619321, 2 pages (submitted July 29, 2003)
	485.	Chronology of the Patentee's Efforts to Reduce Region Size, in the opposition to EP 0619321, 6 pages (submitted July 29, 2003) (submitted July 29, 2003)
	486.	Jacobs et al., "Combinatorial chemistry – applications of light-directed chemical synthesis," TIBTECH 12:19-26 (1994)
	487.	Gallop et al., "Applications of Combinatorial Technologies to Drug Discovery. I. Background and Peptide Combinatorial Libraries," J. Med. Chem. 37:1233-1251 (1994)
↓	488.	Lipshutz et al., "Advanced DNA sequencing technologies," Current Opinion in Structural Biology 4:376-380 (1994)

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
--	-------------------------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 24 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	489.	Wrotnowski, "Biochip Technology Offers Powerful Tool for Research and Diagnostics," 1page, Genetic Engineering News (1994)
	490.	McGall et al., "Light-directed synthesis of high-density oligonucleotide arrays using semiconductor photoresists," Proc. Natl. Acad. Sci. USA 93:13555-13560 (1996)
	491.	Beecher et al., "Chemically Amplified Photolithography for the Fabrication of High Density Oligonucleotide Arrays," Polym. Mater. Sci. Eng. 76: 597-598 (1997)
	492.	Anderson et al., "Polynucleotide Arrays for Genetic Sequence Analysis," Topics in Current Chemistry 194:117-129 (1997)
	493.	Lipshutz et al., "High density synthetic oligonucleotide arrays," Nature Genet., suppl. 21:20-24 (1999)
	494.	Barone et al., "Photolithographic Synthesis of High Density Oligonucleotide Probe Arrays," Nucleosides, Nucleotides & Nucleic Acids 20(4-7):525-531 (2001)
	495.	Amendment filed with the United States Patent Office during prosecution of application no. 08/466,632, dated September 23, 1996, 8 pages (submitted July 29, 2003)
	496.	Declaration of Dr. Marc M. Greenberg, in the opposition to EP 0619321, 11 pages (dated July 28, 2003)
	497.	Curriculum vitae of Marc M. Greenberg, 25 pages (publication date unknown)
	498.	Venkatesan et al., "Improved Utility of Photolabile Solid Phase Synthesis Supports for the Synthesis of Oligonucleotides Containing 3'-Hydroxyl termini," J. Org. Chem. 61:525-529 (1996)
	499.	Pirrung et al., "3'-Nitrophenylpropyloxycarbonyl (NPPOC) Protecting Groups for High-Fidelity Automated 5'→3' Photochemical DNA Synthesis," Organic Letters 3(8): 1105-1108 (2001)
	500.	Beier et al., "Synthesis of Photolabile 5'-O-Phosphoramidites for the Photolithographic Production of Microarrays of inversely Oriented Oligonucleotides," Helvetica Chimica Acta 84:2089-2095 (2001)
	501.	Wolter et al., "Polymer support oligonucleotide synthesis XXI): Synthesis of a Henectacosa Deoxynucleotide by use of a dimeric phosphoramidite synthon," Nucleosides & Nucleotides 5(10):65-77 (1986)
	502.	Sondek et al., "A General Strategy for Random Insertion and Substitution Mutagenesis: Substoichiometric Coupling of Trinucleotide Phosphoramidites," Proc. Natl. Acad. Sci. USA 89(8):3581-3585 (2003)
✓	503.	Vimekas et al., "Trinucleotide phosphoramidites: ideal reagents for the synthesis of mixed oligonucleotides for random mutagenesis," Nucl. Acids Res. 22:5600-5607 (1994)

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
---	--------------------------------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 25 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	504.	Zehavi et al., "Light-Sensitive Glycosides. II. 2-Nitrobenzyl 6-Deoxy- α -L-mannopyranoside and 2-Nitrobenzyl 6-Deoxy- β -L-galactopyranoside," J. Org. Chem. 37(4):2285-2288 (1972)
	505.	Usman et al., "Automated Chemical Synthesis of Long Oligoribonucleotides Using 2'-O-Silylated Ribonucleoside 3'-O-Phosphoramidites on a Controlled-Pore Glass Support: Synthesis of a 43-Nucleotide Sequence Similar to the 3'-Half Molecule of an Escherichia coli Formylmethionine tRNA," J. Am. Chem. Soc. 109:7845-7854 (1987)
	506.	Wincott et al., "Synthesis, deprotection, analysis and purification of RNA and ribozymes," Nucl. Acids Res. 23(14):2677-2684 (1995)
	507.	Scaringe et al., "Novel RNA Synthesis Method Using 5'-O-Silyl-2'-O-orthoester Protecting Groups," J. Am. Chem. Soc. 120:11820-11821 (1998)
	508.	Stipp, "Gene Chip Breakthrough; Microprocessors have reshaped our economy, spawned vast fortunes, and changed the way we live. Gene chips could be even bigger," Fortune, p. 56 -6 page transcript (March 31, 1997)
	509.	Online European Patent Register - Results, EP 0373203 record printout from July 28, 2003, in the opposition to EP 0619321, 3 pages (submitted July 29, 2003)
	510.	Declaration of Edwin Mellor Southern, in the opposition to EP 0373203, with exhibits, 22 pages (January 16, 1998)
	511.	First Confidential Witness Statement of Alan-Philippe Blanchard, in the opposition to EP 0619321, 4 pages (dated January 19, 2001)
	512.	Expert Report of David Bowen Wallace, P.E., Ph.D., in the opposition to EP 0619321, 59 pages (dated January 18, 2001)
	513.	Response of Affymetrix Inc. (Opponent VII) to the Patentee's Reply to Opposition to European Patent No. 0 373 203 B, in the opposition to EP 0619321, 50 pages (submitted July 29, 2003)
	514.	Asset Purchase Agreement by and between Protogene Laboratories, Inc. and Metrigen, Inc., 24 pages, in the opposition to EP 0619321 (submitted July 29, 2003)
	515.	Reply of Affymetrix, Inc. to Oppositions by Incyte Pharmaceuticals, Inc., Protogene Laboratories, Inc., Multilyte Ltd. and Oxford Gene Technology Limited against European Patent No. 0 619 321, 82 pages (submitted October 17 2000)
	516.	Interlocutory decision in the Opposition Proceedings, in the match of EP 0373203, 25 pages (dated February 26, 2002)
↓	517.	Summons to Attend Oral Proceedings Pursuant to Rule 71(1) EPC with annexes, 8 pages, in the matter of EP 0 619 321 (dated January 24, 2003)

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 26 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	518.	Agilent Technologies, "SurePrint technology," 14 pages (2003)
	519.	Results of experiments performed by Opponent 4, in the matter of EP 0 834 575, 3 pages (submitted October 1, 2004)
	520.	Newman et al., "High resolution patterning system with a single bore objective lens," J. Vac. Sci. Technol. B. 5(1):88-90 (1987)
	521.	"fingerprinting," in Dictionary of Science and Technology, Walker, Ed., Published by Larousse, p. 421 (1995)
	522.	Augenlicht, "Gene Expression in Human Colonic Biopsies," in Basic an Clinical Perspectives of Colorectal Polyps an Cancer, Ed. Steele, G. et al., Alan R. Liss, Inc. NY, pp 195-202 (1988)
	523.	Declaration of Professor John Sutherland, in the matter of EP 0 834 575, 13 pages (dated November 17, 2004)
	524.	Declaration of Stephen Philip Alan Fodor, in the matter of EP 0 834 575, 15 pages (dated November 17, 2004)
	525.	"distinguish," and "identify," in Oxford Advanced Learner's Dictionary of Current English, Cowie, Ed., Oxford University Press pp. 350, 615 and 616 (1989)
	526.	Declaration by Julian Gordon for Opposing party Abbott Laboratories and Combimatrix Corp. in the matter of EP 0 834 575 B, 14 pages (dated May 24, 2005)
	527.	Minutes of the public oral proceedings in EP 0373203 dated October 12, 2005
	528.	Opposition to EP 0764214 by Clondia Chip Technologies GmbH, 33 pages (filed May 31, 2006)
	529.	"Minutes of the oral proceedings before the Opposition Division," from oral proceedings in the opposition against EP 695 941 B1, 28 pages (dated April 15, 2006)
	530.	Opposition to EP 0972564 by Applera Corporation, 19 pages (filed February 26, 2004)
	531.	Response of Affymetrix to the opposition of EP 0972564 by Applera Corporation, 23 pages (dated January 12, 2005)
	532.	"Facts and Submissions," in the opposition to EP 0972564, 7 pages (dated July 19, 2005)
	533.	Affymetrix's further observations in the opposition to EP 0972564, 4 pages (dated June 12, 2006)
	534.	Third party observations in the opposition to EP 0972564, 17 pages (dated June 12, 2006)
✓	535.	"Decision revoking the European Patent," in the opposition to EP 0972564, 20 pages (dated July 31, 2006)

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
---	--------------------------------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
PTO Form 1449		Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 27 of 55	
		Filing Date: November 28, 2000	Group Art Unit: 1631

Initial	Serial	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	536.	"Minutes of the oral proceedings before the Opposition Division," from oral proceedings in the opposition to EP 0972564, 4 pages (dated July 31, 2006)
	537.	Grounds of Appeal as filed in the opposition to EP 0972564, 20 pages (dated December 7, 2006)
	538.	Declaration of Professor Anthony Cass, in the Opposition to EP 0972564, 17 pages (dated January 5, 2005)
	539.	Declaration of Professor John David Sutherland, in the Opposition to EP 0972564, 11 pages (dated January 4, 2005)
	540.	Declaration of Professor John David Sutherland, in the Opposition to EP 0972564, 3 pages (dated June 7, 2006)
	541.	Declaration of Professor Jon Cooper, in the matter of EP application no. 99202441.4, 19 pages (dated November 14, 2002)
	542.	Declaration of Professor Anthony Cass, in the matter of EP application no. 99202441.4, 19 pages (dated November 13, 2002)
	543.	"Summons to attend oral proceedings pursuant to Rule 71(1) EPC," in the Opposition to EP 0695941, 6 pages (dated October 6, 2005)
	544.	"Minutes of the oral proceedings before the Opposition Division," in the Opposition to EP 0695941, 16 pages (dated April 5, 2006)
	545.	Annex of the auxiliary 5 claim amendments in the Opposition to EP 0695941, 20 pages (filed October 17, 2006)
	546.	Declaration under 37 C.F.R. 1.132, Ann M. Pease, in the prosecution of US 07/624,114, 8 pages (dated August 12, 1992)
	547.	Silverman, Notes Concerning the HUGO Sequencing By Hybridization Workshop, Moscow (18 -21 November 1991) , 7 pages
	548.	Pirrung, NIH grant application, 21 pages (publication date unknown)
	549.	Declaration of Michael C. Pirrung, in Affymetrix, Inc. v. Synteni, Inc. and Incyte Pharmaceuticals, Inc., Case No. C98-4508 FMS (MEJ), 21 pages (dated March 19, 1999)
	550.	Opposition By Affymetrix, Inc. Against European Patent No. 0 373 203 of Isis Innovation Limited, Notice and Statement, 67 pages, in the opposition to EP 0619321 (submitted October 6, 1999)
	551.	Declaration of Dr. Thomas Gingeras, Ph.D., in the opposition to EP 0619321, 10 pages (dated January 14, 1999)
V	552.	Declaration of Professor Calvin F. Quate, Ph.D., in the opposition to EP 0619321, 14 pages (dated January 9, 1999)

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
---	--------------------------------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 28 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	553.	Declaration of Glenn H. McGall, Ph.D. for Affymetrix in the opposition to EP 0619321, 10 pages (dated January 13, 1999)
	554.	Response of Affymetrix, Inc. to the Patentee's Reply to Opposition to European Patent No. 0 373 203 B, 53 pages (filed February 3, 1997)
	555.	Declaration of Professor Lubert Stryer, M.D., in the opposition to EP 0373203, 9 pages (dated January 28, 1997)
	556.	Statutory Declaration of Dr. William Bains in the opposition to EP 0373203, 4 pages (dated January 30, 1997)
	557.	Statutory Declaration of Dr. Nicholas Vaughan Ashley in the opposition to EP 0373203, 3 pages (undated)
	558.	Joint Claim Construction Statement in Affymetrix, Inc. v Synteni, Inc. And Incyte Pharmaceuticals, Inc., Case No. C98-4507, 39 pages (dated August 27, 1999)
	559.	Declaration of Charles Cantor in Opposition to Plaintiff's Motion for a Preliminary Injunction, for Synteni, Inc. and Incyte Pharmaceuticals, Inc. in Case No. C98-4508 FMS (MEJ), 26 pages (dated March 19, 1999)
	560.	Patentee's response to the Official Letter dated March 14, 1997 from the prosecution history of EP 0619321, 6 pages (dated February 19, 1998)
	561.	Decision of 26 May 1993, in European Patent Application No. 86305459.9, 5 pages (dated May 26, 1993)
	562.	Decision of 28 February 1996, in European Patent Application No. 84200792.4, 9 pages (dated February 28, 1996)
	563.	Decision of Technical Board of Appeal, in European Patent Application No. 82100124.5, 10 pages (dated January 24 1989)
	564.	Decision of Technical Board of Appeal, in European Patent Application No. 85304490.7, 16 pages (dated October 3, 1990)
	565.	Decision of Technical Board of Appeal, in European Patent Application No. 87308436.2, 11 pages (dated March 18, 1993)
	566.	Decision of Technical Board of Appeal, in European Patent Application No. 85301297.9, 14 pages (dated March 9, 1994)
	567.	Statutory Declaration of Dr. Edwin Southern, in the opposition to EP 0619321, with exhibits, 18 pages (dated October 6, 1999)

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 29 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	568.	Declaration of Dr. Paul Silverman, in Affymetrix, Inc. v. Synteni, Inc. and Incyte Pharmaceuticals, Inc., Case No. C98-4507 WHA, 3 pages (dated November 23, 1999)
	569.	Declaration of Professor John Sutherland, in the opposition to EP 0619321, 15 pages (dated October 13, 2000)
	570.	Schulhof et al., "The final deprotection step in oligonucleotide synthesis is reduced to a mild and rapid ammonia treatment by using labile base-protecting groups," Nucl. Acids Res. 15(2):397-416 (1987)
	571.	Hayakawa et al., "Allylic protecting groups in solid-phase DNA synthesis," Nucl. Acids Res. 20:75-76 (1988)
	572.	Hayakawa et al., "The Allylic Protection Method in Solid Phase Oligonucleotide Synthesis. An Efficient Preparation of Solid-Anchored DNA Oligomers," J. Am. Chem Soc. 112:1691-1696 (1990)
	573.	Köster et al., "N-acyl protecting groups for deoxynucleosides. A quantitative and comparative study," Tetrahedron 37:363-369 (1981)
	574.	Sproat et al., "A new linkage for solid phase synthesis of oligodeoxyribonucleotides," Nucl. Acids Res. 13(8):2979-2987 (1988)
	575.	Pochet et al., "Synthesis of DNA fragments linked to a solid support," Tetrahedron 43(15):3481-3490 (1987)
	576.	Katzhendler et al., "The effect of spacer, linkage and solid support on the synthesis of oligonucleotides," Tetrahedron 45(9):2777-2792 (1989)
	577.	Declaration of Stephen P.A. Fodor, in the opposition to EP 0619321, 5 pages (dated October 12, 2000)
	578.	Declaration of William Bains in the opposition to EP 0619321, includes exhibits, 13 pages (dated October 13, 2000)
	579.	Declaration of J. Leighton Read, M.D., in the opposition to EP 0619321, 4 pages (dated October 30, 2000)
	580.	Declaration of Dr. James G. Wetmur, in the opposition to EP 0619321, 9 pages (dated March 5, 2002)
	581.	Declaration of Professor Lubert Stryer, M.D., in the opposition to EP 0619321, 15 pages (dated March 6, 2002)
	582.	Ekins et al., "Multianalyte microspot immunoassay. The microanalytical 'compact disk' of the future," Ann. Biol. Clin. 50:337-353 (1992)
	583.	Ekins et al., "Developing multianalyte assays," TIBTECH 12:89-94 (1994)



Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
---	--------------------------------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 30 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	584.	Ekins et al., "Microspot®, Array-based, Multianalyte Binding Assays: The Ultimate Microanalytical Technology?" in Microspot Immunoassays and DNA Analysis Techniques: Implications and Practical Aspect, Chapter 24, pages 640-646 (1992)
	585.	Declaration of Stephen Philip Alan Fodor, in the opposition to EP 0619321, 7 pages (dated July 28, 2003)
	586.	Declaration of Professor Anthony Edward George Cass, in the opposition to EP 0619321, 15 pages (dated July 17, 2003)
	587.	Annex AEGC-1 to the Declaration of Professor Anthony Edward George Cass, in the opposition to EP 0619321, 11 pages (July 17, 2003)
	588.	Second Declaration of Professor Anthony Edward George Cass, in the opposition to EP 0619321, 8 pages (dated July 17, 2003)
	589.	Annex AEGC-1 to Second Declaration of Professor Anthony Edward George Cass, in the opposition to EP 0619321, 26 pages (July 17, 2003)
	590.	Annex AEGC-2 to the Second Declaration of Professor Anthony Edward George Cass, in the opposition to EP 0619321, 7 pages (July 17, 2003)
	591.	Annex AEGC-3 to the Second Declaration of Professor Anthony Edward George Cass, in the opposition to EP 0619321, 3 pages (July 17, 2003)
	592.	Annex AEGC-4 to the Second Declaration of Professor Anthony Edward George Cass, in the opposition to EP 0619321, 6 pages (July 17, 2003)
	593.	Anonymous "Dovebid Webcast Auction," Printout of an advertisement for sale by auction on behalf of Protogene, 5 pages (publication date unknown)
	594.	Southern et al. "Parallel synthesis and analysis of large numbers of related chemical compounds: applications to oligonucleotides," Journal of Biotechnology 35:217-227 (1994)
	595.	Southern et al., "DNA chips: analyzing sequence by hybridization to oligonucleotides on a large scale," TIG 12(3): 110-115 (1996)
	596.	Statement of Dr. Paul H. Silverman in the opposition to EP 0619321, 7 pages (dated July 25, 2003)
↓	597.	Coassin, Meeting with Affymax Researcher at Human Genome III Poster Presentation, in the opposition to EP 0619321, 2 pages (submitted July 29, 2003)

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
---	--------------------------------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 31 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	598.	Silverman, Affymax and Human Genome III, Oct. 21-23, San Diego, 2 pages, in the opposition to EP 0619321 (submitted July 29, 2003)
	599.	Declaration of Dennis W. Solas, in U.S. Patent and Trademark Office Interference Proceeding No. 104,359, 9 pages (dated May 28, 1999)
	600.	OGT v. Affymetrix, Affymetrix' Opening Submissions, HC 1999 02517, HC 1999 04645 (March 22,2001) 81 pages (submitted July 29, 2003)
	601.	Chronology of the Patentee's Efforts to Develop Polynucleotide Arrays, in the opposition to EP 0619321, 5 pages (submitted July 29, 2003)
	602.	Prosecution history of US application 07/362,901, 55 pages, in the opposition to EP 0619321 (submitted July 29, 2003)
	603.	In the matter of Oxford Gene Technologies v. Affymetrix, Inc., Court transcript of November 8, 2000, 21 pages, in the opposition to EP 0619321, 2 pages (submitted July 29, 2003)
	604.	Chronology of the Patentee's Efforts to Reduce Region Size, in the opposition to EP 0619321, 6 pages (submitted July 29, 2003)
	605.	Jacobs et al., "Combinatorial chemistry – applications of light-directed chemical synthesis," TIBTECH 12:19-26 (1994)
	606.	Gallop et al., "Applications of Combinatorial Technologies to Drug Discovery. 1. Background and Peptide Combinatorial Libraries," J. Med. Chem. 37:1233-1251 (1994)
	607.	Lipshutz et al., "Advanced DNA sequencing technologies," Current Opinion in Structural Biology 4:376-380 (1994)
	608.	Wrotnowski, "Biochip Technology Offers Powerful Tool for Research and Diagnostics," 1 page, Genetic Engineering News (1994)
	609.	McGall et al., "Light-directed synthesis of high-density oligonucleotide arrays using semiconductor photoresists," Proc. Natl. Acad. Sci. USA 93:13555-13560 (1996)
	610.	Beecher et al., "Chemically Amplified Photolithography for the Fabrication of High Density Oligonucleotide Arrays," Polym. Mater. Sci, Eng. 76: 597-598 (1997)
	611.	Anderson et al., "Polynucleotide Arrays for Genetic Sequence Analysis," Topics in Current Chemistry 194:117-129 (1997)
✓	612.	Lipshutz et al., "High density synthetic oligonucleotide arrays," Nature Genet., suppl. 21:20-24 (1999)

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
---	--------------------------------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 32 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	613.	Barone et al., "Photolithographic Synthesis of High Density Oligonucleotide Probe Arrays," Nucleosides, Nucleotides & Nucleic Acids 20(4-7):525-531 (2001)
	614.	Amendment filed with the United States Patent Office during prosecution of application no. 08/466,632, dated September 23, 1996, 8 pages (submitted July 29, 2003)
	615.	Declaration of Dr. Marc M. Greenberg, in the opposition to EP 0619321, 11 pages (dated July 28, 2003)
	616.	Curriculum vitae of Marc M. Greenberg, 25 pages (publication date unknown)
	617.	Venkatesan et al., "Improved Utility of Photolabile Solid Phase Synthesis Supports for the Synthesis of Oligonucleotides Containing 3'-Hydroxyl termini," J. Org. Chem. 61:525-529 (1996)
	618.	Pirrung et al., "3'-Nitrophenylpropyloxycarbonyl (NPPOC) Protecting Groups for High-Fidelity Automated 5'→3' Photochemical DNA Synthesis," Organic Letters 3(8): 1105-1108 (2001)
	619.	Beier et al., "Synthesis of Photolabile 5'-O-Phosphoramidites for the Photolithographic Production of Microarrays of inversely Oriented Oligonucleotides," Helvetica Chimica Acta 84:2089-2095 (2001)
	620.	Wolter et al., "Polymer support oligonucleotide synthesis XXI: Synthesis of a Henectacosa Deoxynucleotide by use of a dimeric phosphoramidite synthon," Nucleosides & Nucleotides 5(10):65-77 (1986)
	621.	Sondek et al., "A General Strategy for Random Insertion and Substitution Mutagenesis: Substoichiometric Coupling of Trinucleotide Phosphoramidites," Proc. Natl. Acad. Sci. USA 89(8):3581-3585 (2003)
	622.	Vimekas et al., "Trinucleotide phosphoramidites: ideal reagents for the synthesis of mixed oligonucleotides for random mutagenesis," Nucl. Acids Res. 22:5600-5607 (1994)
	623.	Zehavi et al., "Light-Sensitive Glycosides. II. 2-Nitrobenzyl 6-Deoxy-α-L-mannopyranoside and 2-Nitrobenzyl 6-Deoxy-β-L-galactopyranoside," J. Org. Chem. 37(4):2285-2288 (1972)
	624.	Usman et al., "Automated Chemical Synthesis of Long Oligoribonucleotides Using 2'-O-Silylated Ribonucleoside 3'-O-Phosphoramidites on a Controlled-Pore Glass Support: Synthesis of a 43-Nucleotide Sequence Similar to the 3'-Half Molecule of an Escherichia coli Formylmethionine tRNA," J. Am. Chem. Soc. 109:7845-7854 (1987)
	625.	Wincott et al., "Synthesis, deprotection, analysis and purification of RNA and ribozymes," Nucl. Acids Res. 23(14):2677-2684 (1995)
	626.	Scaringe et al., "Novel RNA Synthesis Method Using 5'-O-Silyl-2'-O-orthoester Protecting Groups," J. Am. Chem. Soc. 120:11820-11821 (1998)

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 33 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	627.	Stipp, "Gene Chip Breakthrough; Microprocessors have reshaped our economy, spawned vast fortunes, and changed the way we live. Gene chips could be even bigger," Fortune, p. 56 -6 page transcript (March 31, 1997)
	628.	Online European Patent Register – Results, EP 0373203 record printout from July 28, 2003, in the opposition to EP 0619321, 3 pages (submitted July 29, 2003)
	629.	Declaration of Edwin Mellor Southern, in the opposition to EP 0373203, with exhibits, 22 pages (January 16, 1998)
	630.	First Confidential Witness Statement of Alan-Philippe Blanchard, in the opposition to EP 0619321, 4 pages (dated January 19, 2001)
	631.	Expert Report of David Bowen Wallace, P.E., Ph.D., in the opposition to EP 0619321, 59 pages (dated January 18, 2001)
	632.	Response of Affymetrix Inc. (Opponent VII) to the Patentee's Reply to Opposition to European Patent No. 0 373 203 B, in the opposition to EP 0619321, 50 pages (submitted July 29, 2003)
	633.	Asset Purchase Agreement by and between Protogene Laboratories, Inc. and Metrigen, Inc., 24 pages, in the opposition to EP 0619321 (submitted July 29, 2003)
	634.	Curriculum Vitae of Professor Roger Ekins, FRS., in the opposition to EP 0619321, 2 pages (submitted July 31, 2003)
	635.	Stoll et al. "Protein Microarray Technology," Frontiers in Bioscience 7:c13-32 (2002)
	636.	"universal succession," and "universal successor," pp. 1445-1446, Black's Law Dictionary, 7th edition, Garner, Ed., West Group St. Paul, Minnesota, USA (1999), in the opposition to EP 0619321, 3 pages (submitted April 2, 2004)
	637.	Asset Purchase Agreement by and between Protogene Laboratories, Inc. and Metrigen, Inc., 40 pages, in the opposition to EP 0619321 (submitted April 2, 2004)
	638.	Declaration of Robert J. Molinari, in the opposition to EP 0619321, 8 pages (dated June 16, 2004)
	639.	Asset Purchase Agreement by and between Protogene Laboratories, Inc. and Metrigen, Inc., 67 pages, in the opposition to EP 0619321 (submitted January 10, 2005)
	640.	Declaration of Thomas Brennan, in the opposition to EP 0619321, 7 pages (dated January 7, 2005)
	641.	Declaration of Albert. P. Halluin, in the opposition to EP 0619321, 2 pages (dated January 7, 2005)
✓	642.	Declaration of Nathan Hamilton, in the opposition to EP 0619321, 3 pages (dated January 5, 2005)

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 34 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	643.	Declaration of Don F. Livornese, in the opposition to EP 0619321, 2 pages (dated January 7, 2005)
	644.	Declaration of Mark A. Metcalf, in the opposition to EP 0619321, 1 page (dated January 4, 2005)
	645.	Declaration of Thomas Brennan, in the opposition to EP 0619321, 7 pages (dated January 5, 2005)
	646.	Broughton, Letter enclosing copy of a Decision of the Opposition Division in relation to European Patent No. 834 575, 34 pages, in the opposition to EP 0619321 (submitted September 6, 2005)
	647.	McClure, "The Hidden Value of Intangibles," < http://www.investopedia.com/printable.asp?a=/articles/03/010603.asp >, 2 pages (January 6, 2003)
	648.	Van Vleet, "Intangible Asset Valuation Issues Under SFAS 142," 8 pages, from < http://www.williametteinsights.com/02/intangibleasset.html > (January 19, 2006).
	649.	Declaration of Jeffrey B. Oster, in the opposition to EP 0619321, 3 pages (dated January 19, 2006)
	650.	Slides which show in diagrammatic and outline form the chemistry and process of array preparation in accordance with the invention, in the opposition to EP 0619321, 6 pages (submitted January 23, 2006)
	651.	Cama et al., "Total Synthesis of Thienamycin Analogues. 1. Synthesis of the Thienamycin Nucleus and dl-Descysteaminythienamycin," J. Am. Chem. Soc. 100(25):8006-8007 (1978)
	652.	Second Declaration of Professor John Sutherland, in the opposition to EP 0619321, 1 page (dated January 19, 2006)
	653.	Second declaration of Robert J. Molinari, in the opposition to EP 0619321, 1 page (dated January 19, 2006)
	654.	Penner, "Affymetrix – universal Successor / Successor Liability Issues," 5 pages, Memo from Baker & McKenzie LLP, in the opposition to EP 0619321 (submitted January 23, 2006)
	655.	Entity Details, Protogene Laboratories, Inc., 2 pages, << https://sos-res.state.de.us/tin/controller >>, (printed March 10, 2006)
	656.	Declaration by Julian Gordon, with curriculum vitae, in the opposition to EP 0834575, 13 pages (dated May 24, 2005)
	657.	Lee, "Re: Protogene Laboratories, Inc.," Letter from Greenberg Taurig, 2 pages, dated March 22, 2006, in the opposition to EP 0619321 (submitted May 4, 2006)
✓	658.	Statement of Thomas Brennan, Ph.D., in the opposition to EP 0619321, 1 page (dated March 22, 2006)

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 35 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	659.	Molanari, letter to Vossius and Partners, 1 page, dated March 22, 2006, in the opposition to EP 0619321 (submitted May 4, 2006)
	660.	Certificate of Dissolution of Protogene Laboratories, Inc., 1 page (dated August 18, 2003)
	661.	Herring, Letter to Axel Stellbrink, in the opposition to EP 0619321, 4 pages (dated September 13, 2006)
	662.	Fann, Minutes of a Special Meeting of The Board of Directors of Protogene Laboratories, Inc., in the opposition to EP 0619321, 1 page (dated August 25, 2006)
	663.	Authorization, form 1003 02.00, in the opposition to EP 0619321, 1 page (dated September 12, 2006)
	664.	Brennan, Letter to A. Stellbrink, in the opposition to EP 0619321, 1 page (dated September 10, 2006)
	665.	Statutory Declaration of Dr. Nicholas Vaughan Ashley in the opposition to EP 0373203, 8 pages (dated May 26, 1995)
	666.	Statutory Declaration of Dr. William Bains in the opposition to EP 0373203, includes exhibits, 19 pages (dated May 24, 1995)
	667.	Britten-Kelly and Willis, "Michael Additions to Alkyl Substituted Divinyl Ketones," Synthesis 1980:27 (1980)
	668.	Grounds of Opposition to EP 0619 321 B1, 15 pages, in the opposition to EP 0619321, 3 pages (submitted November 26, 1999)
	669.	Lockhart et al., "Expression monitoring by hybridization to high-density oligonucleotide arrays," Nature BioTechnology 14:1575-1580 (1996)
	670.	Biochemistry Poster Session, 50 pages (October 4-7, 1994)
	671.	Opposition to EP 0728520 by PamGene B.V., 27 pages (filed February 18, 2002)
	672.	Patentee's response to the opposition, in the opposition to EP 0728520, 17 pages (filed September 30, 2002)
	673.	Further comments as to lack of novelty, inventive step and sufficiency, in the opposition to EP 0728520, 11 pages (dated November 14, 2003)
	674.	"Decision revoking the European Patent," in the opposition to EP 0728520, 13 pages (dated January 29, 2004)
↓	675.	Patentee's grounds for appeal in the opposition to EP 0728520, 10 pages (dated June 8, 2004)

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 36 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	676.	Opponent's response to Patentee's grounds for appeal, in the opposition to EP 0728520, 6 pages (dated December 15, 2004)
	677.	Bray et al., "Simultaneous Multiple Synthesis of Peptide Amides by the Multipin Method. Applications of Vapor-Phase Ammonolysis," J. Org. Chem. 59:2197-2203 (1994)
	678.	Bray et al., "Gas phase cleavage of peptides from a solid support with ammonia vapour. Application in simultaneous multiple peptide synthesis," Tetrahedron Letts. 32(43): 6163-6166, abstract only (1991)
	679.	Hulmes and Pan, "Selective cleavage of polypeptides with trifluoroacetic acid: applications for microsequencing," Anal. Biochem. 197(2):368-376, abstract only (1991)
	680.	Miyatake et al., "Specific chemical cleavage of asparaginyl and glycyl-glycine bonds in peptides and proteins by anhydrous hydrazine vapor," J. Biochem. 115(2):208-212, abstract only (1994)
	681.	Zingde et al., "Peptide mapping of proteins in gel bands after partial cleavage with acidic cyanogens bromide vapors," Anal. Biochem. 155(1):10-13, abstract only (1986)
	682.	Matsueda, "Deprotection of Nin-formyl tryptophan using 1,2-ethanedithiol in liquid hydrogen fluoride," Int. J. Peptide Protein Res. 20:26-34 (1982)
	683.	Claim requests for opposition proceedings for EP 0373203 Oxford Gene Technology, 3 pages (dated November 13, 2001)
	684.	CV of van Bueringen, in the opposition to EP 0 728 520 (submitted November 17, 2003)
	685.	CV of Ruijtenbeek, in the opposition to EP 0 728 520 (submitted November 17, 2003)
	686.	Goldberg et al., "Screen printing: a technology for the batch fabrication of integrated chemical-sensor arrays," Sensors and Actuators B 21:171-183 (1994)
	687.	"Summons to attend oral proceedings pursuant to Rule 71(1) EPC," in the opposition to EP 0853679, 10 pages (dated February 14, 2006)
	688.	"Minutes of the oral proceedings before the Opposition Division," in the opposition to EP 0853679, 17 pages (dated September 12, 2006)
↓	689.	Augenlicht et al., "Expression of Cloned Sequences in Biopsies of Human Colonic Tissue and in Colonic Carcinoma Cells Induced to Differentiate in Vitro," Cancer Res. 47:6017-6021 (1987)

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 37 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	690.	Dattagupta et al., "Rapid Identification of Microorganisms by Nucleic Acid Hybridization after Labeling the Test Sample, Analytical Biochemistry," Anal. Biochem. 177: 85-89 (1989)
	691.	McGarrigle/Saliba/Jiminez regarding the public availability of D3 (Lipshutz et al), e-mail correspondence of February 5-6, 2002, 2 pages
	692.	Date Stamp relating to D3 (Lipshutz et al) from the University of California at Berkeley (cited by patentee)
	693.	Shultz/Bickel e-mail regarding release date of Biotechniques Vol. 19(3) correspondence of February 2-3, 2005, 2 pages
	694.	Ogretman et al., "Internal cRNA Standards for Quantitative Northern Analysis," BioTechniques 14(6):935-940 (1993)
	695.	Kawasaki et al., "Genetic Analysis Using Polymerase Chain Reaction-Amplified DNA and Immobilized Oligonucleotide Probes: Reverse Dot-Blot Typing," Methods in Enzymology 218:369-381 (1993)
	696.	Declaration of Dianne Olson, 1 page (dated June 15, 2006)
	697.	Date Stamp relating to D3 (Lipshutz et al) from the Loyola University Health Sciences Library
	698.	Date Stamp relating to D3 (Lipshutz et al) from the University of Michigan Medical Library
	699.	Quigley, Fax communication regarding journal issue dates, 1 page, Steenbock Memorial Library, University of Wisconsin-Madison (May 11, 2006)
	700.	Curriculum Vitae of Thomas Brendan Ryder, 7 pages (publication date unknown)
	701.	Curriculum Vitae of Philip L. McGarrigle Jr., 2 pages (publication date unknown)
	702.	Curriculum Vitae of Professor Anthony Edward George Cass, 11 pages (publication date unknown)
	703.	Opposition to EP 0834576 by Dr. Peter Schneider, 7 pages (dated October 11, 2002)
	704.	Opposition to EP 0834576 by Roche Diagnostics GmbH, 14 pages (filed October 16, 2002)
	705.	Opposition to EP 0834576 by Applera Corporation, 20 pages (dated October 14, 2002)
	706.	Opposition to EP 0834576 by PamGene B.V., 39 pages (dated October 16, 2002)
	707.	Opposition to EP 0834576 by Combimatrix Corporation, 26 pages (dated October 16, 2002)

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 38 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	708.	Opposition to EP 0834576 by Abbott Laboratories, 26 pages (dated October 16, 2002)
	709.	Response of the Patentee to the oppositions to EP 0834576, 70 pages (dated February 23, 2004)
	710.	"Summary of Facts and Submissions," and "Preliminary opinion (Rule 71a(1) EPC) and reasons therefore," in the oppositions to EP 0834576, 19 pages (dated July 20, 2004)
	711.	Abbott Laboratories response to the Summons to Attend Oral Proceedings in the oppositions to EP 0834576, 8 pages (dated December 22, 2004)
	712.	Applera's written submissions, in the oppositions to EP 0834576, 15 pages (December 20, 2004)
	713.	Patentee's further observations, in the oppositions to EP 0834576, 3 pages (dated December 22, 2004)
	714.	Minutes of the oral proceeding, in the oppositions to EP 0834576, 10 pages (dated February 22, 2005)
	715.	Patentee's arguments made on appeal, in the oppositions to EP 0834576, 9 pages (dated September 27, 2005)
	716.	Abbott Laboratories response to Patentee's Grounds of Appeal, in the oppositions to EP 0834576, 13 pages (dated February 22, 2006)
	717.	Combimatrix Corporation's response to Patentee's Grounds of Appeal, in the oppositions to EP 0834576, 12 pages (dated February 22, 2006)
	718.	Dr. Schneider's response to Patentee's Grounds of Appeal, in the oppositions to EP 0834576, 11 pages (dated February 22, 2006)
	719.	Smith et al., "The synthesis of oligonucleotides containing an aliphatic amino group at the 5' terminus: synthesis of fluorescent DNA primers for use in DNA sequence analysis," Nucleic Acids Research 13(7):2399-2412 (1985)
	720.	Skolnick et al., "Simultaneous Analysis of Multiple Polymorphic Loci Using Amplified Sequence Polymorphisms (ASPs)," Genomics 2: 273-279
	721.	Renz, "Polynucleotide-histone H1 complexes as probes for blot hybridization," EMBO 2(6):817-822 (1983)
↓	722.	Order Granting Incyte's Motion for Partial Summary Judgment of invalidity of Claims 4 and 5 of the '992 Patent for lack of Written Description of "Mixture," Denying Affymetrix' Cross-motion with Respect Thereto, and Denying Incyte's Motion for Partial Summary Judgment of invalidity of Claims 4 and 5 of the '992 Patent for indefiniteness, from Affymetrix, Inc. vs. Synteni, Inc. and Incyte Pharmaceuticals, Inc., Case No. C-99-21164 JF, 12 pages (filed October 3, 2001)

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
---	--------------------------------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 39 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	723.	Order Granting Motion for Partial Summary Judgment of invalidity of Claims 1-3 of U.S. Patent No. 5,800,992 for Indefiniteness of "Substantially Complementary," from Affymetrix, Inc. vs. Synteni, Inc. and Incyte Pharmaceuticals, Inc., Case Nos. C-99-21164 JF and C-99-21165 JF, 6 pages (filed September 20, 2001)
	724.	Payne, Fax communication to H. Kendall regarding available date of Electrophoresis Supercomputing and the Human Genome: 1st International Conference, 1990, 1 page (dated January 28, 2004)
	725.	Declaration of Professor John Sutherland, in the matter of EP 0 834 575, 13 pages (dated November 17, 2004)
	726.	Declaration of Professor Anthony Edward George Cass, in the matter of EP application no. 99202455.4, 25 pages (undated)
	727.	"array," in The Concise Oxford Dictionary of Current English, Allen et al., Eds., Clarendon Press, Oxford, page 59 (1990)
	728.	Erllich and Bugawan, "Chapter 16. HLA Class II Gene Polymorphism: DNA Typing, Evolution, and relationship to Disease Susceptibility," in PCR Technology, Principles and Applications for DNA Amplification, Erllich, Ed., Stockton Press, New York, New York, pp. 193-204 (1989)
	729.	Kazazlan, "Chapter 14. Use of PCR in the Diagnosis of Monogenic Disease," in PCR Technology, Principles and Applications for DNA Amplification, Erllich, Ed., Stockton Press, New York, New York, pp. 153-169 (1989)
	730.	Interlocutory decision in Opposition proceedings, from the Opposition to EP 0834575, 39 pages (dated January 24, 2005)
	731.	"Judgment Pursuant to Remand from United States District Court" in Interference No. 104,358, 7 pages (mailed March 17, 2003)
	732.	Declaration of Ward in US 08/514,875, 28 pages (dated October 26, 1998)
	733.	Declaration of Kricka in US 08/514,875, 9 pages (dated October 26, 1998)
	734.	Sambrook et al., "Analysis of RNA," in Molecular Cloning, A Laboratory Manual, Second Edition, Sambrook et al., Eds., Cold Spring Harbor Laboratory Press, Cold Spring Harbor, New York, USA, pp. 7.37-7.39 and 7.84 (1989)
	735.	Alwine et al., "Method for detection of specific RNAs in agarose gels by transfer to diazobenzylxymethyl-paper and hybridization with DNA probes," Proc. Natl. Acad. Sci. USA 74:5350-5354 (1977)
↓	736.	Alwine et al., "Detection of Specific RNAs or Specific Fragments of DNA by Fractionation in Gels and Transfer to Diazobenzylxymethyl Paper," Meth. Enzymol. 68: 220-242 (1979)

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 40 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	737.	"Declaration of Dennis W. Solas," in Patent Interference 104,358, 10 pages, (dated May 28, 1999)
	738.	Schulhof et al., "The final deprotection step in oligonucleotide synthesis is reduced to a mild and rapid ammonia treatment by using labile base-protecting groups," Nucl. Acids Res. 15:397-416 (1987)
	739.	"Complaint for patent infringement," in Affymetrix, Inc. v. Synteni, Inc. and Incyte Pharmaceuticals, Inc., Civil Action No. 98-520, 7 pages, (dated September 1, 1998)
	740.	"Brief in Support of Plaintiff Affymetrix' Motion for Preliminary Injunction," in Affymetrix, Inc. v. Synteni, Inc. and Incyte Pharmaceuticals, Inc., Civil Action No. 98-520, 44 pages (dated April 15, 1999)
	741.	"Deposition of Sir Walter Bodmer in Patent Interference 104,358, 192 pages (dated July 30, 1999)
	742.	"Deposition of Larry Kricka," in Patent Interference No. 104,358, 154 pages (dated May 20, 1999)
	743.	"Deposition of William C. Lacourse," in Patent Interference No. 104,359, 22 pages (dated June 18, 1999)
	744.	"Deposition of Gail Stygall, Ph.D.," in Patent Interference No. 104,359, 31 pages (dated June 17, 1999)
	745.	"Deposition of Dennis W. Solas, Ph.D.," in Patent Interference No. 104,359, 130 pages (dated June 16, 1999)
	746.	"Deposition of Martin J. Goldberg, Ph.D.," in Patent Interference No. 104,359, 51 pages (dated June 16, 1999)
	747.	"Declaration of Teresa M. Corbin," in Patent Interference 104,358, 8 pages (dated June 15, 1999)
	748.	"Oligonucleotide" pp. 349-350 in McGraw-Hill Encyclopedia of Science & Technology, 6th Edition, McGraw-Hill Book Company, New York, New York (1987)
	749.	"Declaration of Professor Lubert Stryer, M.D.," in European Patent No. 0 373 203 of Isis Limited and Opposition thereto by Affymetrix, 9 pages (dated January 28, 1997)
	750.	Parmalee and Kelber, "Memo to Judge Torczon re Conference Calls in Interference Nos. 104,358 and 104,359, dated June 16, 1999
	751.	"Brown Submission under 37 C.F.R. § 1.666(b)," 25 pages (dated December 19, 2002)
	752.	"Judgement Pursuant to Remand from Unites State District Court," 4 pages (dated March 17, 2005)
↓	753.	Declaration of Charles L. Gholz, in U.S. Interference No. 104,359, 5 pages (dated November 22, 1995)
	754.	Declaration of Kricka, in U.S. Interference No. 104,359, 13 pages (dated December 3, 1998)

Examiner 50996 v1/DC /Karlheinz Skowronek/	Date Considered 12/18/2007
--	-------------------------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 41 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	755.	Declaration of Kelber, in U.S. Interference No. 104,359, 2 pages (dated December 3, 1998)
	756.	Declaration of William C. LaCourse, in U.S. Interference No. 104,359, 14 pages (dated May 25, 1999)
	757.	Declaration of Dr. Gail Stygall, in U.S. Interference No. 104,359, 21 pages (dated May 24, 1999)
	758.	Declaration of Sir Walter Bodmer, in U.S. Interference No. 104,359, 10 pages (dated May 27, 1999)
	759.	Declaration of Dennis W. Solas, in U.S. Interference No. 104,359, 9 pages (dated May 28, 1999)
	760.	Declaration of Martin Goldberg, in U.S. Interference No. 104,359, 4 pages (dated May 26, 1999)
	761.	Declaration of Teresa M. Corbin, in U.S. Interference No. 104,359, 3 pages (dated June 15, 1999)
	762.	Deposition of Larry Kricka, in U.S. Interference No. 104,359, 52 pages (dated May 20, 1999)
	763.	Deposition of William C. LaCourse, Ph.D., in U.S. Interference No. 104,359, 22 pages (dated June 24, 1999)
	764.	"Drmanac list of intended motions," in Patent Interference No. 104,552, 4 pages (dated March 20, 2001)
	765.	"Judgment pursuant to 37 C.F.R. § 1.662," in the Patent Interference No. 104,658, 2 pages (dated December 14, 2001)
	766.	"Judgment pursuant to C.F.R. § 1.662(a)," in the Patent Interference No. 105,089, 3 pages (undated)
	767.	Matsuzawa et al., "Containment and growth of neuroblastoma cells on chemically patterned substrates," <i>Journal of Neuroscience Methods</i> 50:253-260 (1993)
	768.	Chrisey et al., "Selective Attachment of Synthetic DNA to Self-assembled-monolayer Functionalized Surfaces," <i>Mat. Res. Soc. Symp. Proc.</i> 330:179-184 (Symposium held Nov. 29 - Dec. 3, 1993)
	769.	Guo et al., "Direct fluorescence analysis of genetic polymorphisms by hybridization with oligonucleotide arrays on glass supports," <i>Nucl. Acids Res.</i> 22(24):5456-5465 (1994)
	770.	Eggers et al., "A Microchip for Quantitative Detection of Molecules Utilizing Luminescent and Radioisotope Reporter Groups," <i>BioTechniques</i> 17(3):516-524 (1994)
	771.	Amendment, from File History of U.S. Patent No. 5,922,534, Paper No. 4, 9 pages (dated February 11, 1997)
↓	772.	Office Action, from File History of U.S. Patent No. 5,922,534, Paper No. 5, 6 pages (dated May 13, 1997)

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
---	--------------------------------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.


INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 42 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	773.	Amendment 37 C.F.R. 1.116, from File History of U.S. Patent No. 5,922,534, Paper No. 6, 7 pages (dated July 14, 1997)
	774.	Response to Office Action, from File History of U.S. Patent No. 5,922,534, Paper No. 11, 4 pages (dated October 27, 1997)
	775.	Amendment Under 37 CFR 1.116, from File History of U.S. Patent No. 5,922,534, Paper No. 14, 5 pages (dated March 13, 1998)
	776.	Resume, William C. LaCourse, 8 pages (undated)
	777.	Curriculum Vitae of James G. Wetmur, 7 pages (dated June 22, 2003)
	778.	Letter from Lauren Stevens to Deborah Neville, Esq. of Hewlett-Packard Company (with the Table of Contents of Volumes I and II attached, but without volumes I and II), 5 pages (dated July 19, 1994)
	779.	Letter from Lauren Stevens to Deborah Neville, Esq. of Hewlett-Packard Company (with the Table of Contents for the Patent Publications attached, but without the referenced binder attached), 3 pages (dated July 20, 1994)
	780.	Letter from Lauren Stevens to Deborah Neville of Hewlett-Packard Company regarding Affymetrix Technology License Agreement, 2 pages (dated July 21, 1994)
	781.	Facsimile letter from Lauren Stevens to Deborah Neville of Hewlett-Packard Company, 1 page (dated July 26, 1994)
	782.	Memo from Lauren Stevens to Affymax "Hewlett-Packard File" regarding "due diligence" (without attachment), 1 page (dated August 4, 1994)
	783.	Wetmur et al., "Light-Directed, Spatially Addressable Parallel Chemical Synthesis," Chemtracts – Biochem. Mol. Biol. 2:207-10 (1991)
	784.	Stryer, L., "Restriction Fragments can be Separated by Gel Electrophoresis and Visualized," from Biochemistry, Third Edition, published by W.H. Freeman & Co., pp. 119 (1988)
	785.	List of Affymetrix internal file numbers, 8 pages (undated)
	786.	Affymetrix Patent Portfolio – Overview, 10 pages (undated)
	787.	Declaration of James G. Wetmur, in U.S. Interference No. 105,089, 16 pages (dated June 25, 2003)
	788.	Declaration of William C. LaCourse, in U.S. Interference No. 105,089, 13 pages (dated June 26, 2003)
↓	789.	Declaration of Vernon A Norviel, in U.S. Interference No. 105,089, 6 pages (dated June 27, 2003)

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
--	-------------------------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449		Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
		Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 43 of 55	
		Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	790.	Declaration of Lauren Stevens, in U.S. Interference No. 105,089, 7 pages (dated June 26, 2003)
	791.	Office action, from U.S. Application No 08/412,498, 8 pages, (dated October 7, 1996)
	792.	Office action, from U.S. Application No. 08/412,498, 4 pages (dated September 3, 1997)
	793.	Office action, from U.S. Application No. 08/412,498, 5 pages (dated January 21, 1998)
	794.	Office action, from U.S. Application No. 09/337,710, 5 pages (dated October 3, 2000)
	795.	Declaration of Power of Attorney for Patent Application, from U.S. Application No. 08/412,498, 1 page (dated March 28, 1995)
	796.	Notice of Appeal, from File History of U.S. Patent No. 5,922,534, Paper No. 7, 1 page (dated August 4, 1997)
	797.	Associate Power of Attorney, from US. Application No. 09/337,710, 1 page (dated June 21, 1999)
	798.	Appointment of Associate Attorney/Agent 37 CFR 1.34(b), from U.S. Application No. 08/412,498, 2 pages (dated August 4, 1997)
	799.	Letter from Renee Lamantia to Norviel, 1 page (dated July 22, 1994)
	800.	Facsimile letter from Peter Dehlinger to Norviel regarding Affymetrix technology, 2 pages (dated August 23, 1994)
	801.	Letter dated October 26, 1994, from Norviel to Neville.
	802.	Letter from Wendy Choi to Norviel regarding review of the Affymetrix patent portfolio by Hewlett-Packard, 1 page (dated August 7, 1997)
	803.	Letter from Roberta L. Robins to Norviel regarding review of the Affymetrix patent portfolio by Hewlett-Packard, 1 page (dated August 19, 1997)
	804.	Summary of References Provided to Hewlett-Packard, 4 page (undated)
	805.	Facsimile from Affymetrix to Ed Wong and Deborah Neville attaching Affmetrix Patent Portfolio – Overview, 12 pages (dated November 11, 1994)
	806.	Table of references cited by Gordon Stewart, 27 pages (undated)
	807.	Agilent Technologies to Expand its Life Science Market Presence with Introduction of New DNA Micro-Array Program, Press Releases, 2 pages (December 14, 1999)

Examiner /Karlheinz Skowronek/ <small>50996 v1/DC</small>	Date Considered 12/18/2007
---	-------------------------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 44 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	808.	Affymetrix Patent Specification 09/614,068, 199 pages, filed July 11, 2000
	809.	Webster's II New College Dictionary, Houghton Mifflin Company, Boston, Mass. USA, p. 787 (1995)
	810.	Davis et al., "Making Synthetic mDNA Probes: General Description," in Basic Methods in Molecular Biology, Elsevier, New York, New York USA, p. 68. (1986).
	811.	Gait, Oligonucleotide Synthesis, A Practical Approach, IRL Press, Oxford, England, 235 pages (1984)
	812.	"Evaporation," in Encyclopedia of Chemistry (4th ed.), Van Nostrand Reinhold Company, New York, New York, USA, p. 366 (1984)
	813.	"Chemistry for Automated DNA/RNA Synthesis," Section 6 in Models 392 and 394 DNA/RNA Synthesizer manual, pp. 6-1 - 6-36, Applied Biosystems (1991)
	814.	Office Action, Paper 5, Application 08/412,498, 6 pages (dated May 13, 1997)
	815.	Declaration of Henri M. Sasmor, in US. Interference No. 105,089, 1 5pages (dated June 27, 2003)
	816.	Davis et al., in Basic Methods in Molecular Biology, Elsevier Science Publishing Co., Inc., New York, New York, USA, pp.62-65 and 75-78 (1986)
	817.	CV of Henri M. Sasmor, 2 pages (undated)
	818.	Maniatis et al., in MOLECULAR CLONING; A LABORATORY MANUAL, Cold Spring Harbor Press, pp. 313-315 and 326-328 (1982).
	819.	Kessler, "Nonradioactive Labeling Methods for Nucleic Acids," Chapter 2 in Nonisotopic DNA Probe Techniques, edited by Larry Kricka, Academic Press, Inc., Sandiego, California, USA, pp. 29-92 (1991).
	820.	Dyson, "Immobilization of Nucleic Acids and Hybridization Analysis," Chapter 5 in Essential Molecular Biology Volume II: A Practical Approach, edited by T.A. Brown, IRL Press, Oxford, England, pp. 111-156 (1991).
	821.	Preliminary Amendment and Request for Interference Under 37 CFR 607, Paper 2 to Application Ser. No. 09/614,068 14 pages, (dated September 6, 2000)
	822.	Supplemental Amendment, Paper 14, to Application Serial No. 09/614,068, 10 pages (dated April 12, 2002)
	823.	Declaration of Scott M. K. Lee, in US Interference No. 105,089, 5 pages (dated August 20, 2003)
↓	824.	Declaration of Salvatore J. Arrigo, in US Interference No. 105,089, 5 pages (dated August 20, 2003)

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
---	--------------------------------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 45 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	825.	Declaration of Richard W. Evans, in US Interference No. 105,089, 4 pages (dated August 20, 2003)
	826.	Kriener, "Rapid genetic sequence analysis using a DNA probe array system," American Laboratory, pages 39-43 (March 1996).
	827.	Abdian, "The bees' knees in bar code," ID Systems 8(8):21-26 (1988).
	828.	Absalon et al., "Bleomycin mediated degradation of DNA-RNA hybrids does not involve C-1' chemistry," Nucl. Acids Res. 20:4179-4185 (1992).
	829.	Adams et al., "Pentafluorobenzoylation of O4-Ethylthymidine and Analogues by Phase-Transfer Catalysis for Determination by Gas Chromatography with Electron Capture Detection," Anal. Chem. 58:345-348 (1986).
	830.	Agard et al., "Quantitative Analysis of Electrophoretograms: A Mathematical Approach to Super-Resolution," Anal. Biochem. 111:257-268 (1981).
	831.	Arndt-Jovin et al., "Immunofluorescence Localization of Z-DNA in Chromosomes: Quantitation by Scanning Microphotometry and Computer-assisted Image Analysis," J. Cell. Biol. 101:1422-1433 (1985).
	832.	Bailey, "Health Care Bar Codes: Descriptors or Identifiers?" Bar Code News, pp. 42-44 (March/April 1985).
	833.	Bailey, "Upgrading Blood Banks: Checking Out The Library," Bar Code News, pp. 20-24 (March/April 1983).
	834.	Advertisement, "Data Entry Station," Bar Code News., p. 55 (Sept/Oct 1983).
	835.	Barrows et al., "Measurement of fluorescence using digital integration of video images," J. Histochem. Cytochem. 32:741-746 (1984).
	836.	Anonymous, "Bars in the Lab: Two New Technologies Join Forces," Bar Code News, pp. 6-12 (March/April 1983)
	837.	Bauman et al, "A new method for fluorescence microscopical localization of specific DNA sequences by in situ hybridization of fluorochrome-labelled RNA.," Exp. Cell Res. 128:485-490 (1980).
	838.	Beattie et al., "REVIEW: Gene Synthesis Technology: Recent Developments and Future Prospects," Biotechnology and Applied Biochemistry 10:510-521 (1988).
↓	839.	Binnig and Rohrer, "The Scanning Tunneling Microscope: A new kind of microscope reveals the structures of surfaces atom by atom. The instrument's versatility may extend to investigators in the fields of physics, chemistry and biology," Sci. Am. 253:50-56 (1985).

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 46 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	840.	Blond-Elguindi et al., "Affinity panning of a library of peptides displayed on bacteriophages reveals the binding specificity of BiP," Cell 75:717-728 (1993).
	841.	Blouke et al., "800x800 charge-coupled device image sensor," Optical Engineering 22:607-614 (1983).
	842.	Böhmer et al., "Flow-Cytometric Determination of Fluorescence Ratios between Differently Stained Particles Is Dependent on Excitation Intensity," J. Histochem. Cytochem. 33:974-976 (1985).
	843.	Botstein et al., "Construction of a Genetic Linkage Map in Man Using Restriction Fragment Length Polymorphisms," Am. J. Hum. Genet. 32:314-331 (1980).
	844.	Bright and Taylor, "Imaging at Low Light Level in Fluorescence Microscopy," in Applications of fluorescence in the biomedical sciences, Eds Taylor et al., New York, New York, AR Liss, pp. 257-288 (1986).
	845.	Britten, "Complementary Strand Association Between Nucleic Acids and Nucleic Acid Gels," Science 142:963-965 (1963).
	846.	Chen et al., "A Homogeneous, Ligase-Mediated, DNA Diagnostic Test," Genome Res. 549-556 (1998).
	847.	Cho et al., "An Unnatural Biopolymer," Science 261:303-305 (1993).
	848.	Cimino et al., "Psoralens as photoactive probes of nucleic acid structure and function: organic chemistry, photochemistry, and biochemistry," Ann. Rev. Biochem. 54:1151-1193 (1985).
	849.	Connor, "Digital imaging of free calcium changes and of spatial gradients in growing processes in single, mammalian central nervous system cells," Proc. Natl. Acad. Sci. USA 83:6179-6183 (1986).
	850.	Cramer and Köster, "Synthese von Oligonucleotiden an einem polymeren Träger," Angew Chem. 80:488-489 (1968).
	851.	Damha et al., "An improved procedure for derivatization of controlled-pore glass beads for solid-phase oligonucleotide synthesis," Nucl. Acid Res. 18:3813-3821 (1990).
	852.	Drmanac et al., "Towards Genomic DNA Sequencing Chip Based on Oligonucleotide Hybridization," Abstracts of the Cold Spring Harbor Laboratory Genome Mapping and Sequencing Conference, p. 53 (May 1990).
	853.	Duester et al., "Molecular cloning and characterization of a cDNA for the β subunit of human alcohol dehydrogenase," Proc. Natl. Acad. Sci. USA 81:4055-4059 (1984).
↓	854.	Emlen et al., "A new ELISA for the detection of double-stranded DNA antibodies," J. Immunol. Methods 132:91-101 (1990).

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
---	--------------------------------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 47 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	855.	Feinberg et al., "A Technique for Radiolabeling DNA Restriction Endonuclease Fragments to High Specific Activity," Anal. Biochem. 132:266-267 (Addendum). 1984
	856.	Fluke, "Prescription For Hospital Fixed Assets Management," Bar Code News pp. 6-8 (July/August 1984).
	857.	Gallop et al., "Applications of Combinatorial Technologies to Drug Discovery. 1. Background and Peptide Combinatorial Libraries," J. Med. Chem. 37:1233-1251 (1994).
	858.	Gilham, "Immobilized Polynucleotides and Nucleic Acids," Adv. Exp. Med. Biol. 42:173-185 (1974).
	859.	Glazer et al., "A stable double-stranded DNA-ethidium homodimer complex: Application to picogram fluorescence detection of DNA in agarose gels," Proc. Natl. Acad. Sci. USA 87:3851-3855 (1990).
	860.	Gordon et al., "Applications of Combinatorial Technologies to Drug Discovery. 2. Combinatorial Organic Synthesis, Library Screening Strategies, and Future Directions," J. Med. Chem. 37:1385-1401 (1994).
	861.	Gress et al., "Hybridization fingerprinting of high-density cDNA-library arrays with cDNA pools derived from whole tissues," Mammalian Genome 3:609-619 (1992).
	862.	Gundersen et al., "Magnetic bead antigen capture enzyme-linked immunoassay in microtitre trays for rapid detection of schistosomal circulating anodic antigen," J. Immunol. Methods 148:1-8 (1992).
	863.	Haralambidis et al., "Preparation of base-modified nucleosides suitable for non-radioactive label attachment and their incorporation into synthetic oligodeoxyribonucleotides," Nucl. Acids Res. 15:4857-4876 (1987).
	864.	Harmon, "Health Industry Bar Code (HIBC) Task Force Publishes Final Recommendations," Bar Code News p. 11 (Nov/Dec 1983).
	865.	Harmon, "Health Industry Moves Quickly to Adopt Uniform Bar Coding," Bar Code News pp. 20-22 (Sept/Oct 1983).
	866.	Harmon, "New Standards: Bar Code Markings For Healthcare," Bar Code News pp. 10-14 (July/August 1984).
	867.	Heidmann and Köster, "Polymer Support Oligonucleotide Synthesis, 11: Use of a Novel Hydrophilic Bead Polymer as Carrier," Makromolekulare Chemie 181:2495-2506 (1980).
	868.	Hiraoka et al., "The NDA3 Gene of Fission Yeast Encodes β -Tubulin: A Cold-Sensitive <i>nda3</i> Mutation Reversibly Blocks Spindle Formation and Chromosome Movement in Mitosis," Cell 39:349-358 (1984).
↓	869.	Hiraoka et al., "The Use of Charge-Coupled Device for Quantitative Optical Microscopy of Biological Structures," Science 238:36-41 (1987).

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 48 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	870.	Inouye and Hondo, "Microplate Hybridization of Amplified Viral DNA Segment," J. Clin. Microbiol. 28:1469-1472 (1990).
	871.	Jablonski and DeLuca, "Immobilization of bacterial luciferase and FMN reductase on glass rods," Proc. Natl. Acad. Sci. USA 73:3848-3851 (1976).
	872.	Jacobs and Fodor, "Combinatorial chemistry - applications of light-directed chemical synthesis," TIBTECH 12:19-26 (1994).
	873.	Jeffreys et al., "Amplification of human minisatellites by the polymerase chain reaction: towards DNA fingerprinting of single cells," Nucl. Acids Res. 16:10953-10971 (1988).
	874.	Kanehisa, "Use of statistical criteria for screening potential homologies in nucleic acid sequences," Nucl. Acids Res. 12:203-213 (1984).
	875.	Karlin et al., "Efficient algorithms for molecular sequence analysis," Proc. Natl. Acad. Sci. USA 85:841-845 (1988).
	876.	Khorana et al., "A New Approach to the Synthesis of Polynucleotides," Chemistry and Industry p. 1523 (1956).
	877.	Köster and Geussenhainer, "A Novel Carrier for Solid Phase Synthesis of Oligomers," Angew. Chem. Internat. Edit. 11(8):713-714 (1972).
	878.	Köster, "Polymer Support Oligonucleotide Synthesis VII-5: Use of Inorganic Carriers," Tetrahedron Letters 16:1527-1530 (1972).
	879.	Köster, "Synthesis of a Structural Gene Coding for the Peptide Hormone Angiotensin II, Part 3: Synthesis of the Fragments d(T-T-T-T-A-A), d(A-T-A-T-C-A-TC-C-C) and d(T-T-A-A-A-A-G-G-G-A-T). Liebigs Ann. Chem. pp. 894-925 (1978).
	880.	Kwoh et al., "Transcription-based amplification system and detection of amplified human immunodeficiency virus type I with a bead-based sandwich hybridization format," Proc. Natl. Acad. Sci. USA 86:1173-1177 (1989).
	881.	Landegren et al., "A Ligase-Mediated Gene Detection Technique," Science 241:1077-1080 (1988).
	882.	Lee et al., "Interaction of psoralen-derivatized oligodeoxyribonucleoside methylphosphonates with synthetic DNA containing a promoter for T7 RNA polymerase," Nucl. Acids Res. 16:10681-10697 (1988).
	883.	Lipman and Pearson, "Rapid and Sensitive Protein Similarity Searches," Science 227:1435-1441 (1985).
✓	884.	Lund et al., "Assessment of methods for covalent binding of nucleic acids to magnetic beads, Dynabeads™, and the characteristics of bound nucleic acids in hybridization reactions," Nucl. Acid Res. 16(22):10861-10880 (1988).

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
---	--------------------------------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 49 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	885.	Lundwall et al., "Isolation and Sequence Analysis of a cDNA Clone Encoding the Fifth Complement Component," J. Biol. Chem. 260:2108-2112 (1985).
	886.	Maiolini et al., "Study of an Enzyme Immunoassay Kit for Carcinoembryonic Antigen," Clin. Chem. 26:1718-1722 (1980).
	887.	Mathies et al., "High-sensitivity Single-molecule Fluorescence Detection," SPIE 1205:52-59 (1990).
	888.	Mathies et al., "Optimization of High-Sensitivity Fluorescence Detection," Anal. Chem. 62:1786-1791 (1990).
	889.	Matteo, Jr., "How To Cure Medical Supply Chaos," Bar Code News pp. 16-18 (July/August 1984).
	890.	Merrifield, "Solid Phase Synthesis," Science 232:341-347 (1986).
	891.	Michael et al., "Randomly Ordered Addressable High-Density Optical Sensor Arrays," Anal. Chem. 70:1242-1248 (1998).
	892.	Nelson, "The Universal Product Code," Helmers Publishing, p. 55-85 (1997).
	893.	Nguyen et al., "Detection of Single Molecules of Phycoerythrin in Hydrodynamically Focused Flows by Laser-Induced Fluorescence," Anal. Chem. 59:2158-2161 (1987).
	894.	Parsons, "Yearly Review: Psoralen Photochemistry," Photochem. Photobiol. 32:813-821 (1980).
	895.	Pevzner et al., "Optimal Chips for Megabase DNA Sequencing," Mol. Biol. 25: 459-467 (1991).
	896.	Phimister, "Going global," Nature Genet. 21:1 (1999).
	897.	Ploem, "New Instrumentation for Sensitive Image Analysis of Fluorescence in Cells and Tissues," in Applications of fluorescence in the biomedical sciences, Eds. Taylor et al., New York, New York, AR Liss, pp. 289-300 (1986).
	898.	Pon et al., "Derivatization of Controlled-Pore Glass Beads for Solid-Phase Oligonucleotide Synthesis," Biotechniques 6:768-765 (1988).
	899.	Rocks and Riley, "Automatic analysers in clinical biochemistry," Clin. Phys. Physiol. Meas. 7:1-29 (1986).
	900.	Rosenthal, "Bush Encounters the Supermarket, Amazed," NY Times pp. A1 and A19 (Feb. 5, 1992).
↓	901.	Rost, "Scanning, video intensification and image processing," and in Quantitative fluorescence microscopy, Cambridge: Cambridge University Press, Chapter 15, pp. 162-178 (1991).

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
---	--------------------------------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 50 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	902.	Rozsnyai et al., "Photolithographic Immobilization of Biopolymers on Solid Supports," Angew. Chem. internat. Edit. 31(6):759-761 (1992).
	903.	Rye et al., "High-sensitivity two-color detection of double-stranded DNA with a confocal fluorescence gel scanner using ethidium homodimer and thiazole orange," Nucl. Acids Res. 19:327-333 (1990).
	904.	Saiki et al., "Primer-Directed Enzymatic Amplification of DNA with a Thermostable DNA Polymerase," Science 239:487-491 (1988).
	905.	Scillian et al., "Early Detection of Antibodies Against rDNA-Produced HIV Proteins with a Flow Cytometric Assay," J. Blood 73:2041-2048 (1998).
	906.	Shack et al., "Design for a Fast Fluorescent Laser Scanning Microscope," Anal. Quant. Cytol. Histol. 9:509-520 (1987).
	907.	Shitara et al., "Advantage of Cocktail-Use of Two Anti-tumor Monoclonal Antibodies, KM-93 and KM-231, in Serum Diagnosis of Cancer," Anticancer Res. 9:999-1004 (1989).
	908.	Skolnick and Wallace, "Simultaneous Analysis of Multiple Polymorphic Loci Using Amplified Sequence Polymorphisms (ASPs)," Genomics 2:273-279 (1988).
	909.	Smith et al., "The synthesis of oligonucleotides containing an aliphatic amino group at the 5' terminus: synthesis of fluorescent DNA primers for use in DNA sequence analysis," Nucl. Acids Res. 13:2399-2412 (1985).
	910.	Smith, "Bar Code: The Data Entry Alternative," Bar Code News pp. 1-2 (March 1982).
	911.	Smith et al., "High Throughput DNA Sequencing Using an Automated Electrophoresis Analysis System and a Novel Sequence Assembly Program," Biotechniques 14:1014-1018 (1993).
	912.	Smith and Hood, "Mapping and Sequencing the Human Genome: How to Proceed," Bio/Technology 5:674-679 (1987).
	913.	Song et al., "Review Article: Photochemistry and Photobiology of Psoralens," Photochem. Photobiol. 29:1177-1197 (1979).
	914.	Stanley R., "Help Needed at Central Supply, STAT: Bar Codes Ease Growing Pains," Bar Code News pp. 2-4 (March/April 1983).
	915.	Anonymous, "Sterile Bar Codes: Guiding Production for a Medical Manufacturer," Bar Code News pp. 14-18 (March/April 1983).
↓	916.	Streefkerk et al., "Antigen-Coupled Beads Adherent to Slides: A Simplified Method for Immunological Studies," J. Immunol. Methods 8:251-256 (1975).

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
---	--------------------------------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 51 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	917.	Streefkerk et al., "Principle of a Reaction for Simultaneous Detection of Various Antibodies Using Coloured Antigen-Coupled Agarose Beads," in Protides of the Biological Fluids, Peeters, Ed., Pergamon Press, Oxford pp. 811-814 (1976).
	918.	Tobe et al., "Single-well genotyping of diallelic sequence variations by a two-color ELISA-based oligonucleotide ligation assay," Nucl. Acids Res. 3728-3732 (1996).
	919.	Toda et al., "Sequential alterations in the nuclear chromatin region during mitosis of the fission yeast <i>Schizosaccharomyces pombe</i> : video fluorescence microscopy of synchronously growing wild-type and cold-sensitive cdc mutants by using a DNA-binding fluorescent probe," J. Cell Sci. 52:271-287 (1981).
	920.	Umesono et al., "Visualization of Chromosomes in Mitotically Arrested Cells of the Fission Yeast <i>Schizosaccharomyces pombe</i> ," Current Genetics 7:123-128 (1983).
	921.	Vignali, "Multiplexed particle-based flow cytometric assays," J. Immunol. Meth. 243:243-255 (2000).
	922.	Wahlberg et al., "Rapid detection and sequencing of specific in vitro amplified DNA sequences using solid phase methods," Molecular and Cellular Probes 4:285-297 (1990).
	923.	Wallace et al., "The use of synthetic oligonucleotides as hybridization probes - II. hybridization of oligonucleotides of mixed sequence to rabbit B-globin DNA," Nucl. Acids Res. 9:879-894 (1981).
	924.	Wang and Grayston, "Immunologic Relationship Between Genital Tric, Lympho-Granuloma Venereum, and Related Organisms in a New Microtiter Indirect Immunofluorescence Test," Am. J. Ophthalmology 70:367-374 (1970).
	925.	White et al., "An Evaluation of Confocal Versus Conventional Imaging of Biological Structures by Fluorescence Light Microscopy," J. Cell Biol. 105:41-48 (1987).
	926.	Ohtsuka et al., "A new method for 3'-labelling of polyribonucleotides by phosphorylation with RNA ligase and its application to the 3'-modification for joining reactions," Nucl. Acids Res. 6:443-454 (1979).
	927.	Uchida, "Synthesis of oligoribonucleotide (2). The synthesis and uses of trimer units having blocking groups at 3' - and 5' ends," Nuc. Acids Res. Symp. 10:187-188 (1981).
	928.	Beier and Hoheisel, "Production by quantitative photolithographic synthesis of individually quality checked DNA micorarrays," Nucl. Acids Res. 28(4):e11: 6 pages (2000).
	929.	Gao et al., "High density peptide microarrays. In situ synthesis and applications," Molecular Diversity, 8:177-187 (2004).
↓	930.	Thompson, "An Introduction to Lithography," Chapter I, in Introduction to Microlithography Theory, Materials, and Processing, Thompson et al., Eds. American Chemical Society, Washington, D.C., pp. 1-13 and table of contents (1983).

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
---	--------------------------------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 52 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	931.	Thompson, "An Introduction to Lithography," Chapter 1, in Introduction to Microlithography Theory, Materials, and Processing, Thompson et al., Eds. American Chemical Society, Washington, D.C., pp. 1-17 and table of contents (1994).
	932.	"Decision," 12 pages, from US patent interference no. 104,358 (mailed September 10, 1999)
	933.	"Decision," 13 pages, from US patent interference no. 104,359 (mailed September 10, 1999)
	934.	Adams M. Automated DNA Sequencing and Analysis, Academic Press, 1994
	935.	Abstracts of papers presented at 1988 meeting on Genome Mapping and Sequencing. Cold Spring Harbor Laboratory, April 27-May 1, 1988 (IAFP 640211-329)
	936.	Abstracts of papers presented at the 1994 meeting on Genome Mapping & Sequencing. Cold Spring Harbor Laboratory (IAFP 12968-12969)
	937.	Cold Spring Harbor Laboratory. Abstracts of papers presented at the 1990 meeting on Genome Mapping and Sequencing, May 2-6, 1990 (IAFP 598193-326)
	938.	Department of Energy, Sequencing of DNA by Hybridization with Oligonucleotides Matrix (SHOM) 1992 (DOE 832-839)
	939.	Diagram of Format 3 Combinatorial Chip (IAFP 643752)
	940.	DOE/NIH Human Genome Contractors/Grantee Workshop (Santa Fe, NM) Abstracts Nov. 3-4, 1989 (IAFP 597958-598013)
	941.	DOE/NIH Human Genome Contractors/Grantee Workshop (Santa Fe, NM) Speaker Abstracts Nov. 3-4, 1989 (IAFP 597926-957)
	942.	Drmanac et al., "Towards Genome DNA Sequencing Chip Based on Oligonucleotide Hybridization: Modelling and Computer Methods In Molecular Biology and Genetics. Abstracts of the Int'l Conference, Novosibirsk, U.S.S.R. 1990: (IAFP 598068-70)
	943.	Drmanac R, Crkvenjakov R. Prospects for Miniaturized, Simplified and Frugal Human Genome Project: The 'Sequencing Chip' Concept. Belgrade, Yugoslavia Oct. 1989 (IAFP 598743-52)
	944.	Drmanac R, Crkvenjakov R. Prospects for Miniaturized, Simplified and Frugal Human Genome Project. Genetic Engineering Center, Belgrade, Yugoslavia March 31, 1989 (DOE 520-546)
✓	945.	Drmanac R. Miniaturization of Sequencing by Hybridization. The Sequencing Chip Concept Poster Presentation 1989 (IAFP 598099-117)

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
--	-------------------------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 53 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	946.	Drmanac, R. Sequencing by Hybridization (SBH) on Super Chips. Presentation at BioChip Array Technologies: Fabrication and Applications, May 10, 1995 (IAFP 643753-643771)
	947.	Harmon et al. Reading Between the Lines. North American Technology, Inc. 1984:193-205
	948.	Human Genome I: An International Conference on the status and future of research on the Human Genome, Official Program and Abstracts (pp.46-49), Oct. 2-4, 1989 (UTRF 293-294)
	949.	Human Genome II: An International Conference on the status and future of research on the Human Genome, Official Program and Abstracts, Oct. 22-24, 1990 (AVI_134115-75; IAFP598371-430)
	950.	International Workshop on Sequencing Hybridization, Program and Abstracts, Oct. 29-30, 1993 (IAFP 598513-598612)
	951.	Kreindlin et al. A Sequenator for analysis of diagnostic and sequencing microchips. Engelhardt Institute of Molecular Biology, Russian Academy of Sciences, Moscow (IAFP 598552-53)
	952.	Report on the Sequencing by Hybridization Workshop, Moscow, SBH: An idea whose time has probably come, Nov. 19-20, 1991 (DOE 97-108)
	953.	U.S. Congress, Office of Technology Assessment. Mapping Our Genes -Genome Projects: How Big? How Fast? April 1988:1-218
	954.	Wolf Trap Genome Sequencing Conference: Program and Abstracts, Oct. 24-26, 1989 (IAFP 597859-597882)
	955.	Broude et al., "Positional Sequencing by Hybridization," p. 297, Abstracts of papers presented at the 1994 meeting on Genome Mapping & Sequencing, Cold Spring Harbor Laboratory (1994)
	956.	Drmanac et al., "Genome Sequencing Machine," p. 60, Abstracts of papers presented at the 1994 meeting on Genome Mapping & Sequencing, Cold Spring Harbor Laboratory (1994)
	957.	Drmanac et al., "Sequence-Ready Maps Constructed from Shotgun Clone Libraries Hybridized with 200 7-mers," p. 61, Abstracts of papers presented at the 1994 meeting on Genome Mapping & Sequencing, Cold Spring Harbor Laboratory (1994)
	958.	Drmanac et al., "Toward Categorizing 100,000 Infant Brain cDNA Clones by Oligonucleotide Hybridization," p. 62, Abstracts of papers presented at the 1994 meeting on Genome Mapping & Sequencing, Cold Spring Harbor Laboratory (1994)
↓	959.	Crkvenjakov et al., "Discovery of Sequence Similarities in Large Clone Collections by SBH: Analysis of 22,000 cDNAs and a Model Subclone Library of Cosmid-Sized DNA," p. 48, Abstracts of papers presented at the 1994 meeting on Genome Mapping & Sequencing, Cold Spring Harbor Laboratory (1994)

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
---	--------------------------------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 54 of 55	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	960.	Ivanov et al., "Oligonucleotide microchip on gel support as an instrument for DNA analysis," p. 296, Abstracts of papers presented at the 1994 meeting on Genome Mapping & Sequencing, Cold Spring Harbor Laboratory (1994)
	961.	Sindelar et al., "Parallel Synthesis of Large Numbers of Custom Oligomers in a Multichannel Format," p. 298, Abstracts of papers presented at the 1994 meeting on Genome Mapping & Sequencing, Cold Spring Harbor Laboratory (1994)
	962.	Drmanac et al., "Towards Genome DNA Sequencing Chip Based on Oligonucleotide Hybridization," pp. 242-243, Abstracts of papers presented at the 1992 meeting on Genome Mapping & Sequencing, Cold Spring Harbor Laboratory (1992)
	963.	Drmanac et al., "An Alternative Large DNA Sequencing Method: The theoretical and Informational Feasibility of Sequencing by Hybridization," p. 44, Abstracts of papers presented at the 1992 meeting on Genome Mapping & Sequencing, Cold Spring Harbor Laboratory (1992)
	964.	Drmanac et al., "Sequencing by Hybridization (SBH): A Production Line to Sequence One Million M13 Clones Arrayed on Membranes," p. 110, Abstracts of papers presented at the 1992 meeting on Genome Mapping & Sequencing, Cold Spring Harbor Laboratory (1992)
	965.	Mapping Our Genes, Genome Projects: How Big, How Fast? Congress of the United States Office of Technology Assessment, The Johns Hopkins University Press (1988)
	966.	Aller R, Elevitch F. Symposium on Computers in the Clinical Laboratory. Clinics in Laboratory Medicine 1983;3:1-254
	967.	Ekins R, Chu F. Microarrays: their origins and applications. Tibtech 1999;17:217-218
	968.	Gesteland R. Notes on Russia (DOE 6-12)
	969.	Hopes this issue jams every computer in the country. MAD Magazine April, 1978
	970.	Human Genome III: The International Conference on the status and future of research on the Human Genome, Official Program and Abstracts, Oct. 21-23, 1991 (AVI_131963-132005)
	971.	Khrapko et al. Improved Chips for Sequencing by Hybridization. 1991 (DOE 24-35)
	972.	Report on Foreign Travel of Richard A. Sachleben, 1991 (DOE 16-23)
	973.	Khorlin, et al., "An oligonucleotide matrix hybridization approach to DNA sequencing," Nucl. Acid Res. Symp. Ser. 24:191 (1991)

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Examiner /Karlheinz Skowronek/ 50996 v1/DC	Date Considered 12/18/2007
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 1 of 5	
	Filing Date: November 28, 2000	Group Art Unit: 1631

U.S. PATENT DOCUMENTS							
Initial		Document No.	Date	Name	Class	Sub-Class	Filing Date
/KRS/	1.	07/624,114		Fodor et al.			Filed 12/06/1990
	2.	09/654,948		Pirung et al.			Filed 09/01/2000
	3.	2004/0248147	12/09/2004	Fodor et al.			
	4.	2002/0192684	12/19/2002	Fodor et al.			
	5.	2002/0155492	10/24/2002	Fodor et al.			
	6.	2002/0155491	10/24/2002	Fodor et al.			
	7.	2005/0112676	05/26/2005	Fodor et al.			
	8.	2003/0104411	06/05/2003	Fodor et al.			
	9.	2003/0017484	01/23/2003	Fodor et al.			
	10.	2003/0003475	01/02/2003	Fodor et al.			
	11.	5578832	11/26/1996	Trulson et al.			
	12.	5837832	11/17/1998	Chee et al.			
	13.	5885837	03/23/1999	Winkler et al.			
	14.	5925525	07/20/1999	Fodor et al.			
	15.	6040193	03/21/2000	Winkler et al.			
	16.	6197506	03/06/2001	Fodor et al.			
	17.	6225625	05/01/2001	Pirung et al.			
	18.	6261776	07/17/2001	Pirung et al.			
	19.	6291183	09/18/2001	Pirung et al.			
	20.	6395491	05/28/2002	Fodor et al.			
	21.	6399365	06/04/2002	Besemer et al.			
	22.	6403320	06/11/2002	Read et al.			
	23.	6451536	09/17/2002	Fodor et al.			
	24.	6491871	12/10/2002	Fodor et al.			
	25.	6582908	06/24/2003	Fodor et al.			
	26.	6600031	07/29/2003	Fodor et al.			
	27.	6610482	08/26/2003	Fodor et al.			
	28.	6630308	10/07/2003	Stryer et al.			
	29.	6646243	11/11/2003	Pirung et al.			
	30.	6849462	02/01/2005	Winkler et al.			
	31.	6864101	03/08/2005	Winkler et al.			
	32.	6943034	09/13/2005	Winkler et al.			

FOREIGN PATENT DOCUMENTS

Examiner /Karlheinz Skowronek/ 54714 v3/DC	Date Considered 12/18/2007
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 2 of 5	
	Filing Date: November 28, 2000	Group Art Unit: 1631

		Document No.	Date	Country	Class	Sub-Class	Translation
	33.	WO 95/35505 A1	12/28/1995	WIPO			
Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)					
/KRS/	34.	"Brief in Support of Plaintiff Affymetrix' Motion for Preliminary Injunction," in Affymetrix, Inc. v. Synteni, Inc. and Incyte Pharmaceuticals, Inc., Civil Action No. 98-520, 44 pages (dated April 15, 1999)					
	35.	"Brown Submission under 37 C.F.R. § 1.666(b)," 25 pages (dated December 19, 2002)					
	36.	"Decision revoking the European Patent," in the opposition to EP 0972564, 20 pages (dated July 31, 2006)					
	37.	"Decision," 12 pages, from US patent interference no. 104,358 (mailed September 10, 1999)					
	38.	"Declaration of Dennis W. Solas," in Patent Interference 104,358, 10 pages, (dated May 28, 1999)					
	39.	"Deposition of Larry Kricka," in Patent Interference No. 104,358, 154 pages (dated May 20, 1999)					
	40.	"Deposition of Sir Walter Bodmer in Patent Interference 104,358, 192 pages (dated July 30, 1999)					
	41.	"Facts and Submissions," in opposition to EP 1 086 742, 40 pages (dated July 26, 2006)					
	42.	"Facts and Submissions," in the opposition to EP 0972564, 7 pages (dated July 19, 2005)					
	43.	Claims as granted of EP 834575, 2 pages, (November 28, 2001)					
	44.	Crkvenjakov and Drmanac, "An Integral Approach for Complex Genome Studies," research proposal submitted Office of Health and Environmental Research, U.S. Department of Energy, 54 pages (Oct. 1990)					
	45.	Crkvenjakov <i>et al.</i> "Miniaturization of Sequencing by Hybridization (SBH): The 'Sequencing Chip' Concept" 19 pages, poster, publication date and source unknown.					
	46.	Declaration of Professor Anthony Cass, in the matter of EP application no. 99202441.4, 19 pages (dated November 13, 2002)					
	47.	Declaration of Professor Anthony Cass, in the Opposition to EP 0972564, 17 pages (dated January 5, 2005)					
	48.	Declaration of Stephen Philip Alan Fodor, in the matter of EP 0 834 575, 15 pages (dated November 17, 2004)					
	49.	Department of Energy, Sequencing of DNA by Hybridization with Oligonucleotides Matrix (SHOM) 1992 (DOE 832-839)					
	50.	Drmanac <i>et al.</i> , "Genome Sequencing Machine," 6 pages (publication location and date unknown).					
✓	51.	Drmanac <i>et al.</i> , "Genome Sequencing Machine," p. 60, Abstracts of papers presented at the 1994 meeting on Genome Mapping & Sequencing, Cold Spring Harbor Laboratory (1994)					

Examiner 54714 v3/DC /Karlheinz Skowronek/	Date Considered 12/18/2007
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 3 of 5	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	52.	Drmanac, R. Sequencing by Hybridization (SBH) on Super Chips. Presentation at BioChip Array Technologies: Fabrication and Applications, May 10, 1995 (IAFP 643753-643771)
	53.	Eggers et al., "A Microchip for Quantitative Detection of Molecules Utilizing Luminescent and Radioisotope Reporter Groups," <i>BioTechniques</i> 17(3):516-524 (1994)
	54.	Facts and Arguments in Support of Opposition, Opposition to EP Patent 0 804 731 by Andrew Gregory Sheard, 14 pages (Feb. 28, 2000).
	55.	Facts and Arguments, Opposition to EP Patent 0 804 731 by Affymetrix, Inc., 31 pages (Feb. 28, 2000).
	56.	Format 3 SBH Super Chip
	57.	Grant proposal of P.O. Brown, 71 pages (October 1992).
	58.	Grounds of Opposition to EP 0619 321 B1, 15 pages, in the opposition to EP 0619321, 3 pages (submitted November 26, 1999)
	59.	Joint Claim Construction Statement in Affymetrix, Inc. v Synteni, Inc. And Incyte Pharmaceuticals, Inc., Case No. C98-4507, 39 pages (dated August 27, 1999)
	60.	Lipshutz et al., "High density synthetic oligonucleotide arrays," <i>Nature Genet.</i> , suppl. 21:20-24 (1999)
	61.	Lockhart et al., "Expression monitoring by hybridization to high-density oligonucleotide arrays," <i>Nature BioTechnology</i> 14:1575-1580 (1996)
	62.	McGall et al., "Light-directed synthesis of high-density oligonucleotide arrays using semiconductor photoresists," <i>Proc. Natl. Acad. Sci. USA</i> 93:13555-13560 (1996)
	63.	O'Donnell-Maloney and Little, "Microfabrication and array technologies for DNA sequencing and diagnostics," <i>Genetic Analysis: Biomolecular Engineering</i> 13:151-157 (1996).
	64.	OGT v. Affymetrix, Affymetrix' Opening Submissions, HC 1999 02517, HC 1999 04645 (March 22, 2001) 81 pages (submitted July 29, 2003)
	65.	Opposition Brief, Opposition to EP Patent 0 804 731, by Garching Innovation GmbH, 39 pages, (February 25, 2000).
	66.	Opposition to EP 0972564 by Applera Corporation, 19 pages (filed February 26, 2004)
	67.	Response of Affymetrix to the opposition of EP 0972564 by Applera Corporation, 23 pages (dated January 12, 2005)
	68.	Schena <i>et al.</i> "Microarrays: BiotechNology's discover platform for functional geNomics." <i>TIBTech</i> 16:301-306, Elsevier Science Publishers B.V., Amsterdam, The Netherlands (July 1998).
↓	69.	Schena, M. DNA MicroArray: A practical Approach. 1999, pages 6-9, 192-199

Examiner 54714 v3/DC /Karlheinz Skowronek/	Date Considered 12/18/2007
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. AFFY-041/02US	Application No. 09/724,928
	Applicants: Stephen P.A. FODOR <i>et al.</i> PAGE 4 of 5	
	Filing Date: November 28, 2000	Group Art Unit: 1631

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	70.	Statement of Facts and Arguments, Opposition to EP Patent 0 804 731 by Vysis, Inc., 19 pages (February 25, 2000).
↓	71.	Statement of Facts and Arguments, Opposition to EP Patent 0 804 731 by Glaxo Group Limited, 23 pages (February 25, 2000).
↓	72.	Third party observations in the opposition to EP 0972564, 17 pages (dated June 12, 2006)
↓	73.	Unknown Author, "Report on Sequencing by Hybridization Workshop," 12 pages, Moscow, USSR (November 19-20, 1991).

U.S. PATENT DOCUMENTS							
Initial		Document No.	Date	Name	Class	Sub-Class	Filing Date
/KRS/	74.	H116	09/02/1986	Palmer			
↓	75.	6054270	04/25/2000	Southern			
↓	76.	4728591	03/01/1988	Clark <i>et al.</i>			
↓	77.	4994373	02/19/1991	Stavrianopoulos <i>et al.</i>			
↓	78.	4562157	12/31/1985	Lowe <i>et al.</i>			
↓	79.	5348855	09/20/1994	Dattagupta <i>et al.</i>			

FOREIGN PATENT DOCUMENTS							
		Document No.	Date	Country	Class	Sub-Class	Translation
/KRS/	80.	EP 0 063 810 B1	03/05/1986	Europe			
/KRS/	81.	WO 91/07087	05/30/1991	WIPO			
/KRS/	82.	WO 89/10977	11/16/1989	WIPO			

Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
/KRS/	83.	Behlke and Devor, "Chemical Synthesis of Oligonucleotides," http://www.idtdna.com/support/technical/TechnicalBulletinPDF/Chemical_Synthesis_of_Oligonucleotides.pdf , last visited May 29, 2007.
↓	84.	Ghosh <i>et al.</i> , "Covalent attachment of oligonucleotides to solid supports," <i>Nucl. Acids Res.</i> 15(13) :5353-5373, IRL Press, Ltd., London, England (1987).
↓	85.	Sacra Blue Online, http://www.sacpcug.org/archives/20year/timeline-a.html , last visited May 29, 2007.
↓	86.	Olympus Microscopy Resource Center, http://www.olympusmicro.com/micd/galleries/chips.intel486dxa.html , last visited May 29, 2007.
↓	87.	Miller, J.P., "Intel Introduces Powerful 80486 Chip, But High Price May Limit Initial Sales", The Wall Street Journal Online, Apr. 11, 1989.

Examiner 54714 v3/DC /Karlheinz Skowronek/	Date Considered 12/18/2007
---	--

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

